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DEPARTMENT OF AGRICULTURE

Henry A. Wallace, Secretary

RURAL ELECTRIFICATION ADMINISTRATION

Harry Slattery, Administrator

DIVISION OF ENGINEERING AND OPERATIONS

C. A. Winder, Director

RESEARCH ENGINEERING SECTION

M. M. Samuels, Chief Research Engineer

First Annual Survey

FIRST ANNUAL SURVEY

OF

INDUSTRIES SUPPLIED WITH ELECTRIC ENERGY BY REA LINES

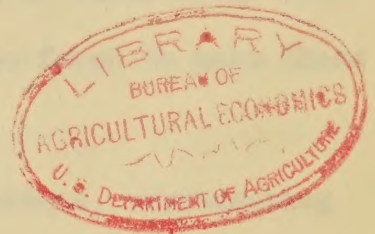
January, 1940

January, 1940

PART I

Arranged by Classes and Types of Industries.
By States and REA Regions.

(Note: Part II, arranged by REA systems, to follow)



DEPARTMENT OF AGRICULTURE

Henry A. Wallace, Secretary

REAR ELECTRONIC RESEARCH SECTION

Henry C. Gentry, Administrator

DIVISION OF ENGINEERING AND OPERATIONS

U. A. Wagner, Director

RESEARCH ENGINEERING SECTION

W. A. Gentry, Chief Research Engineer

REAR ELECTRONIC RESEARCH SECTION

OF

REAR ELECTRONIC RESEARCH SECTION

REAR ELECTRONIC RESEARCH SECTION

PART I

Arranged by Division and Type of Installation
by Gentry and his Section

(Note: Part II, arranged by R&E Section, to follow)

LETTER OF SUBMITTAL

Hon. Harry Slattery, Administrator

There is submitted herewith Part I of the first Annual Survey of industries supplied with electric power by REA lines, arranged by classes and types of industries, by states and REA regions. Part II, showing breakdowns by REA systems, will follow.

It is a factual presentation, consisting of tabulations and charts, so self-evident that a textual presentation seems unnecessary.

It is the first presentation of a foundation of basic and derived data, that economists and all those interested in the study of migration of industries, the location of industries in rural areas and related subjects, have long sought. Means should be found to make these data available to them.

It is interesting to note that 395 REA systems, representing 72% of all energized REA systems, report a total connected industrial load of approximately 57,250 KVA. There are indications that the industrial connected load on REA systems represent well over 20% of the aggregate capacity of the power supply sources.

There are 113 different types of industry receiving power from REA lines. For the practical purposes these are arranged in nine (9) main classes.

An economic analysis is indicated on numerous subjects. How many industries existed prior to the electrification of the area and how many sprang up new since electrification? How many of the industries are cooperative and how many owned by individuals? What is the direct revenue of the farmers from working in these industries; the

LETTER TO THE EDITOR

Hon. Harry Blatter, Administrator

There is submitted herewith Part I of the First Annual Survey

of industries supplied with electric power by HRA lines, arranged by classes and types of industries, by states and HRA regions. Part II, showing breakdowns by HRA system, will follow.

It is a factual presentation, consisting of tabulations and charts, so self-evident that a factual presentation seems unnecessary.

It is the first presentation of a foundation of facts and derived data, that economists and all those interested in the study of migration of industries, the location of industries in rural areas and related subjects, have long sought. Means should be found to make these data available to them.

It is interesting to note that 395 HRA systems, representing 73% of all energized HRA systems, report a total connected industrial load of approximately 27,500 KVA. There are indications that the industrial connected load on HRA systems represent well over 20% of the aggregate capacity of the power supply sources.

There are 113 different types of industry receiving power from HRA lines. For the practical purposes these are arranged in nine (9) main classes.

An economic analysis is indicated on numerous subjects. How many industries existed prior to the electrification of the area and how many sprung up now since electrification? How many of the industries are cooperative and how many owned by individuals? What is the direct revenue of the farmers from working in these industries; the

revenue from selling agricultural products to the industrial workers, or the revenue from farm products used by these industries that otherwise would be wasted? However, it was considered inadvisable to withhold the data pending the preparation of these and similar analytical studies.

The question of the influence of electric rates on the migration of industries has been in the minds of many students of power and rates. Except for a few industries in which power represents a very considerable portion of the cost of the product, such as the aluminum industry, no conclusive data are available on the subject. In view of the fact that none of the REA systems ¹⁵ are as yet fully developed, it was considered premature to undertake such an investigation at present. Correspondence in relation to many applications from industrial establishments for REA power indicates however that in many instances industries have actually moved and are now moving from urban to rural areas due to the lower electric rates offered by REA cooperatives. It is hoped that it will be possible to present more definite data on this subject in subsequent reports.

It is important to emphasize that all the industries listed in this report were connected to REA lines without direct promotional effort on the part of REA. While the report does not indicate how many of the industries did not exist prior to the availability of REA power, the day-to-day review of applications for power definitely indicates that a considerable proportion of them are new industries that would not have existed at all if it were not for the availability of power.

Thus, we have here, perhaps, the most outstanding example of stimulation of individual business initiative by the existence of a

governmental activity.

The beginning made so far is a mere indication of what could be accomplished along the line of decentralization of industry and migration of industries to rural areas by systematic promotion, even without financial assistance by the Government. The social implications have been discussed so fully by competent authorities and are now so self-evident, that a repetition here would be a mere redundancy.

To those engaged in the study of National Defense the report may point to the possibility of making some national defense industries less vulnerable by scattering them throughout the country in rural areas.

In the Fall of 1938 applications for power for industrial use began coming in to various project offices in considerable numbers and were referred by them to REA headquarters. At that time the great problem was to build lines and more lines and every effort of the REA staff was bent on building as many miles of lines as possible as cheaply as possible. Mr. L. P. Slattery was assigned the task of studying all applications as to the feasibility of rendering service to the industries from an engineering and economic viewpoint and related problems. He injected the social viewpoint of the importance of industries in rural areas not only to these rural areas but to the life of the country as a whole. He solved the very difficult problem of establishing a definite procedure for securing and analyzing the necessary data, the engineering computations and rate computations, so that now this work is being carried on as a matter of routine. In view of the enormous diversity of the 113 types of industries, scattered throughout the REA systems, the diversity of the engineering features, rate features, relationship of the specific industrial load to the whole load, and similar features of a greatly diversified character, this is no mean achievement. He was

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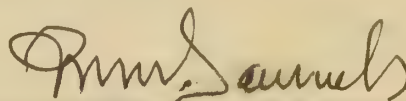
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ably assisted by D. A. Wicker, who is in charge of details and procedure. The tabulation and arrangement of data for this report was carried out competently by S. Lubin.

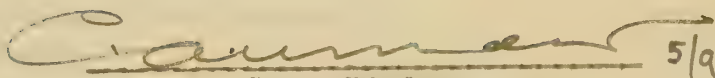
It is gratifying to note that the coverage is practically complete. Reports are outstanding from only 5 of a total of 655 projects, and an expression of appreciation to all Project Superintendents for their cooperation is in order.

Respectfully submitted,



M. M. Samuels
Chief Research Engineer

Approved:



C. A. Winder
Director of Engineering and
Operations

5/9/40

1. The first part of the report is a general introduction to the subject of the study.

2. The second part of the report is a detailed description of the methods used in the study.

3. The third part of the report is a discussion of the results of the study.

4. The fourth part of the report is a conclusion and a list of references.

5. The fifth part of the report is a list of appendices.

6. The sixth part of the report is a list of figures and tables.

7. The seventh part of the report is a list of footnotes.

8. The eighth part of the report is a list of references.

9. The ninth part of the report is a list of appendices.

10. The tenth part of the report is a list of figures and tables.

11. The eleventh part of the report is a list of footnotes.

12. The twelfth part of the report is a list of references.

13. The thirteenth part of the report is a list of appendices.

14. The fourteenth part of the report is a list of figures and tables.

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INDUSTRIAL LOAD SURVEY
(Loads of 5 KVA and Larger)

REA SYSTEMS REPORTING

As of January 1940

ENERGIZED SYSTEMS SURVEYED: 551 with 187,666 Miles of Line

Systems Reporting Industrial Loads: 395 or 72%

Energized over 2 years	125--23%
Energized 1 to 2 years	178--32%
Energized Less than 1 year	92--17%

Systems Reporting No Industrial Loads: 156 or 28%

Energized over 2 years	32-- 6%
Energized 1 to 2 years	55--10%
Energized less than 1 year	69--12%

TABULATION OF (113) INDIVIDUAL TYPES OF INDUSTRIES

CLASSIFIED INDIVIDUAL INDUSTRIES

U. S. TOTALS

REA Systems, January 1940

AVERAGE CONNECTED LOAD OF INDUSTRIES ON REA LINES

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. <u>Farm Industries</u>			
1. Large farm use	1,512	8,211	5.4
2. Irrigation	507	8,785.5	20.6
3. Cotton gins	108	7,375.5	68.3
4. Cranberry marshes	1	5	5
5. Cold Storage (general)	8	122.5	11.6
6. Cold Storage (locker)	8	197.5	24.7
7. Farmers' Cooperatives	3	32.5	10.8
8. Fur farms	9	120	13.4
9. Fruit and Vegetable graders and washers	14	140	10
10. Fair Associations	1	25	25
11. Fish hatcheries	3	17.5	5.8
12. Game farms	1	7.5	7.5
13. Hatcheries, poultry farms and brooders	37	267.5	7.2
14. Nurseries and experimental stations	5	54.5	10.9
15. Water pumps	11	103	9.4
16. Refrigeration	4	33.5	8.4
17. Seed cleaning, drying and packing	19	156	8.2
18. Corn shelling	3	115	57.5
II. <u>Governmental Services, Utilities and Institutions</u>			
1. Airplane beacons	15	92.5	6.2
2. Airplane fields	5	40	8
3. C.C.C. Camps	56	540	9.3
4. National Park Service	6	117.5	19.6
5. Radio Range Stations	5	50	10
6. U. S. Dams and Buildings	5	170	34
7. U. S. Army and Navy	3	490	163.3

AVERAGE CONNECTED LOAD OF INDUSTRIES ON REA LINES

Industry	Total No. Served	Total Load KVA	Average Load per Industry
8. Lighthouses	1	35	35
9. Soil Conservation Service	6	72.5	12.1
10. State Parks	13	350	27
11. Prisons and Prison Farms	6	342.5	57.1
12. County Farms	1	5	5
13. Schools	83	1,656.5	19.9
14. Municipal (general)	6	76.5	12.8
15. Municipal (water supply)	47	891	19
16. Sewage disposal	3	22.5	7.5
17. Street Lighting	8	57.5	7.2
18. Community Centers	3	130	43.3
19. Wholesale Light and Power	4	135	33.8
20. Public Utilities (Miscellaneous)	4	65	16.3
21. Railroad Stations	4	32.5	8.1
22. Railroad Round Houses	1	75	75
23. Railroad Pumps	8	225	28.1
24. Coal Docks	4	135	33.8
25. Gymnasiums	2	25	12.5
26. Sanitariums	3	476	158.7
27. Orphan Homes	5	252.5	50.5
28. Radio Broadcasting Stations	1	450	450
III. Food Processing			
1. Beverage Bottling	1	5	5
2. Canning Factories	3	55	18.3
3. Cheese Factories	62	447.5	7.3
4. Dairies	151	1,834	12.2
5. Distilleries	2	97.5	48.8
6. Animal and Powl Foods	176	2,394.5	13.6
7. Flour Mills	12	463	42.1
8. Grain Elevators	93	1,613.5	17.3
9. Ice Plants	14	345	24.7

AVERAGE CONNECTED LOAD OF INDUSTRIES ON REA LINES

Industry	Total No. Served	Total Load KVA	Average Load per Industry
10. Fruit Packing Plants	24	252.5	10.4
11. Sausage Factories	1	7.5	7.5
12. Sugar Beet Dumps and Refineries	5	96	19.2
13. Sugar Cane Presses and Refineries	2	35	17.5
14. Slaughter Houses	7	76	10.9
15. Bakeries	1	5	5
16. Cotton Oil Mills	2	1,125	562.5
17. Dehydrating Plants	1	200	200
IV. <u>Forest Products</u>			
1. Box Factories	4	32.5	5.6
2. Furniture Factories	4	50	12.5
3. Lumber Yards and Planing Mills	20	370	18.5
4. Sawmills	15	245	16.4
5. Woodworking Plants	7	47.5	6.8
V. <u>Mineral Products</u>			
1. Asphalt Plants	1	15	15
2. Coal Mines	21	525	25
3. Oil Lines	2	15	7.5
4. Oil Well Pumps	17	279	16.4
5. Oil Refineries	3	45	15
6. Roller Mills	1	15	15
7. Graphite Mines	1	75	75
8. Phosphate Mines	1	15	15
VI. <u>Stone, Clay and Glass Products</u>			
1. Brick and Tile Manufac- turing	7	780	111.4
2. Brick Yards			
3. Miscellaneous Clay Products	7	495	70.6

THE JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION PUBLISHED WEEKLY

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AVERAGE CONNECTED LOAD OF INDUSTRIES ON REA LINES

Industry	Total No. Served	Total Load KVA	Average Load per Industry
4. Felspar and Fluorospars			
Plants	5	300	60
5. Glass, Sand processing	2	150	75
6. Rock Crushing	6	417.5	69.6
7. Shale Quarries	1	105	105
8. Stone Quarries	10	857.5	85.8
9. Gravel Plants	14	1,840	167.3
10. Cement Factories	1	3,750	3,750
11. Lime Manufacturing	1	600	600
VII. <u>Miscellaneous Industrial and</u>			
<u>Commercial Consumers</u>			
1. Machine Shops, Blacksmith			
Shops and Blowers	22	196.5	8.9
2. Welders	9	70	7.8
3. Tobacco and Cigarette			
Manufacturers	6	71	11.8
4. Novelties Manufacturing	1	7.5	7.5
5. Auto Body Building	1	7.5	7.5
6. Household Appliances			
Manufacturing	4	665	166.3
7. Amusement Halls	19	147.5	7.8
8. Amusement Parks	9	60	7.5
9. Construction Companies	2	12.5	6.3
10. Racetracks	1	50	50
11. Hotels	20	370	18.5
12. Motion Picture Theaters	8	243	30.4
13. Resort and Tourist Camps	30	270	9
14. Stores, Offices, Filling			
Stations and Taverns	76	556.5	7.3
VIII. <u>Textiles and Textile Products</u>			
1. Bedspread Manufacturing	4	100	25
2. Clothing Manufacturing	7	484.5	69.2

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STATE OF NEW YORK

NAME	RESIDENCE	OCCUPATION	EDUCATION	MARRIAGE	CHILDREN	REMARKS
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RURAL ELECTRIFICATION ADMINISTRATION

DIV. OF ENGINEERING & OPERATIONS

ENGINEERING RESEARCH SECTION

CONNECTED INDUSTRIAL LOADS ON R.E.A. LINES

		NUMBER OF INDUSTRIAL ESTABLISHMENTS PER 100 MILES OF LINE	
ALABAMA	1.71		
ARIZONA	10.75		
ARKANSAS	.57		
CALIFORNIA	3.34		
COLORADO	5.79		
CONNECTICUT	-----	NO R.E.A. LINES.	
DELAWARE	.24		
FLORIDA	.99		
GEORGIA	.95		
IDAHO	9.08		
ILLINOIS	.74		
INDIANA	1.58		
IOWA	1.87		
KANSAS	2.01		
KENTUCKY	2.16		
LOUISIANA	.59		
MAINE	1.47		
MARYLAND	8.62		
MASSACHUSETTS	-----	NO R.E.A. LINES.	
MICHIGAN	2.13		
MINNESOTA	.66		
MISSISSIPPI	2.92		
MISSOURI	3.50		
MONTANA	2.86		
NEBRASKA	5.09		
NEVADA	9.70		
NEW HAMPSHIRE	0		
NEW JERSEY	.62		
NEW MEXICO	44.75		
NEW YORK	-----	NO REPORT	
NORTH CAROLINA	.27		
NORTH DAKOTA	1.48		
OHIO	.86		
OKLAHOMA	1.06		
OREGON	5.40		
PENNSYLVANIA	.87		
RHODE ISLAND	-----	NO R.E.A. LINES.	
SOUTH CAROLINA	.43		
SOUTH DAKOTA	.71		
TENNESSEE	4.64		
TEXAS	1.59		
UTAH	1.47		
VERMONT	2.36		
VIRGINIA	.67		
WASHINGTON	9.47		
WEST VIRGINIA	.33		
WISCONSIN	1.48		
WYOMING	.62		
T.V.A. AVERAGE	3.64		
U.S. AVERAGE	1.88		

DEPARTMENT OF AGRICULTURE

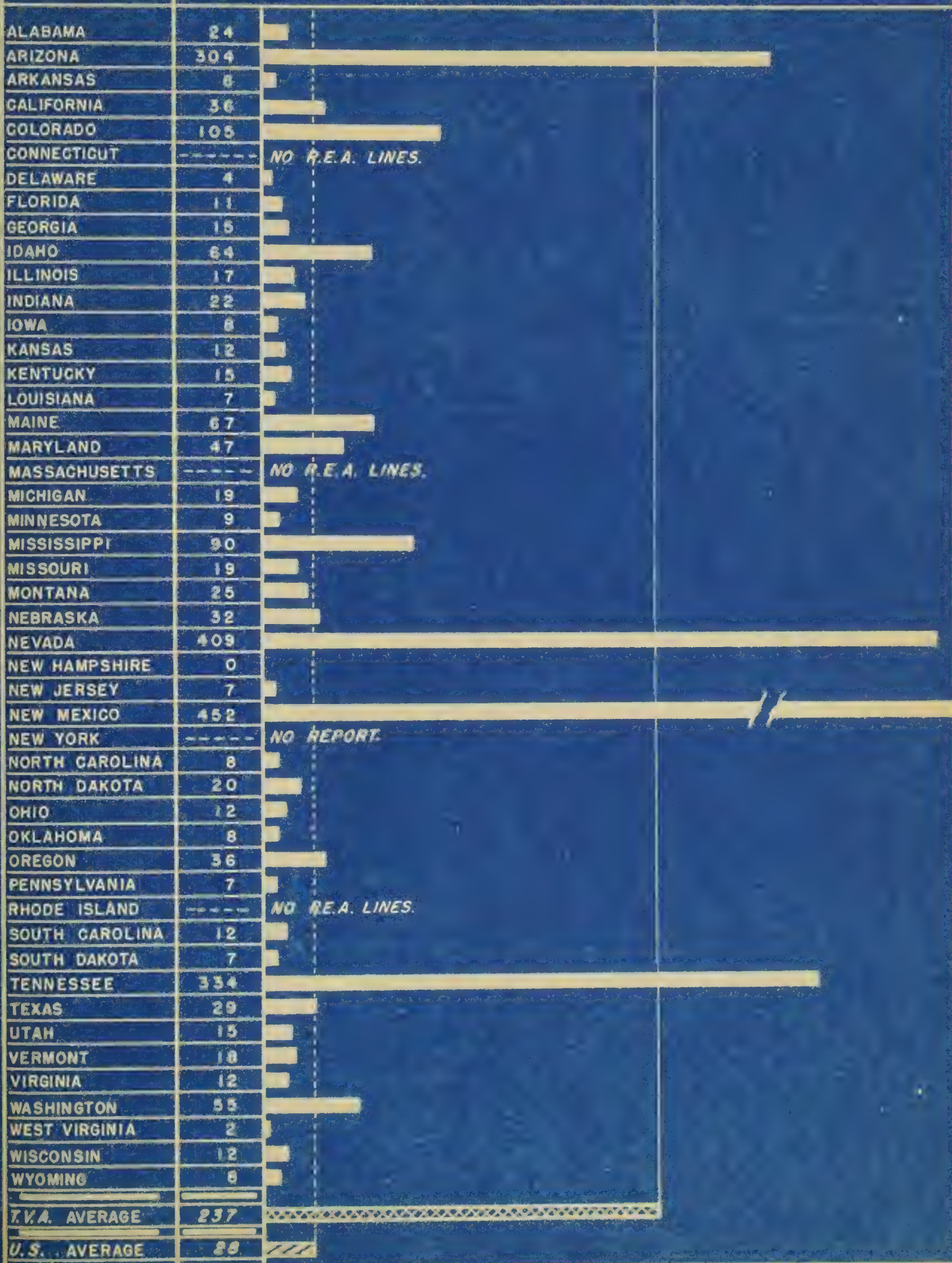
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DIV. OF ENGINEERING & OPERATIONS

ENGINEERING RESEARCH SECTION

CONNECTED INDUSTRIAL LOADS ON R.E.A. LINES

NUMBER OF K.V.A. PER 100 MILES OF LINE



RURAL ELECTRIFICATION ADMINISTRATION

DIV. OF ENGINEERING & OPERATIONS

ENGINEERING RESEARCH SECTION

CONNECTED INDUSTRIAL LOADS ON R.E.A. LINES

NUMBER OF ESTABLISHMENTS

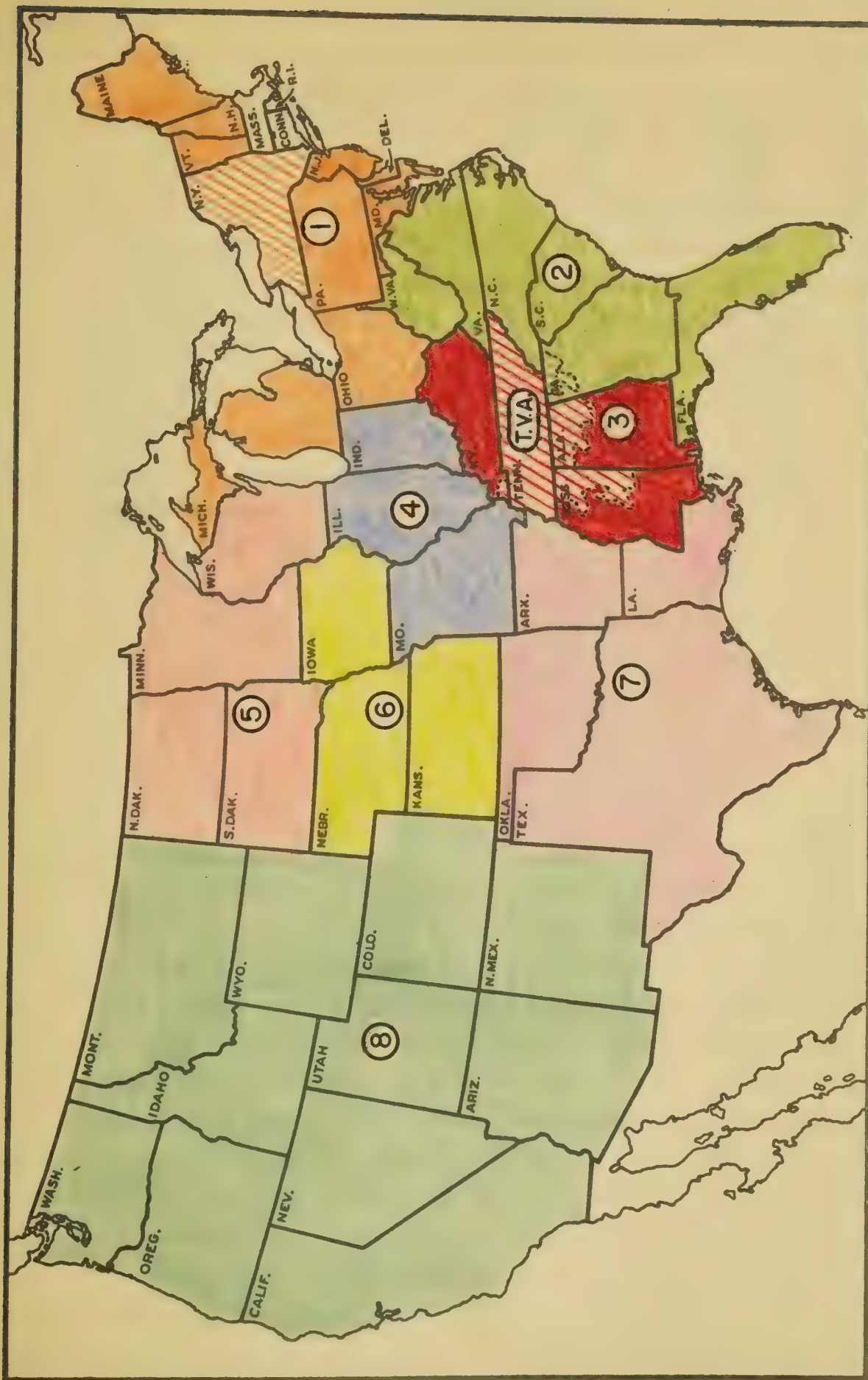
FARM INDUSTRIES	2254
GOVERNMENTAL SERVICES UTILITIES & INSTITUTIONS	308
FOOD PRODUCTS	557
FOREST PRODUCTS	50
MINERAL PRODUCTS	47
STONE, CLAY AND GLASS PRODUCTS	54
MISC. INDUSTRIAL AND COMMERCIAL CONSUMERS	206
TEXTILES AND TEXTILE PRODUCTS	19
CHEMICALS	10

CONNECTED LOADS (KVA.)

FARM INDUSTRIES	25,769
GOVERNMENTAL SERVICES UTILITIES & INSTITUTIONS	7,010
FOOD PRODUCTS	9,052
FOREST PRODUCTS	745
MINERAL PRODUCTS	964
STONE, CLAY AND GLASS PRODUCTS	9,295
MISC. INDUSTRIAL AND COMMERCIAL CONSUMERS	2,727
TEXTILES AND TEXTILE PRODUCTS	1,315
CHEMICALS	273

AVERAGE LOAD PER ESTABLISHMENT (KVA.)

FARM INDUSTRIES	11.4
GOVERNMENTAL SERVICES UTILITIES & INSTITUTIONS	22.8
FOOD PRODUCTS	16.3
FOREST PRODUCTS	14.9
MINERAL PRODUCTS	20.9
STONE, CLAY AND GLASS PRODUCTS	172.1
MISC. INDUSTRIAL AND COMMERCIAL CONSUMERS	13.1
TEXTILES AND TEXTILE PRODUCTS	69.2
CHEMICALS	27.3



U. S. DEPARTMENT OF AGRICULTURE

NEG. 27744

BUREAU OF AGRICULTURAL ECONOMICS

— R.E.A. REGIONS —



ALL INDUSTRIAL SERVICES
BY REA REGIONS
As of January 1940

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NUMBER OF INDUSTRIES, TOTAL CONNECTED LOADS, LARGEST,
SMALLEST AND AVERAGE LOAD — ALL INDUSTRIES, BY
STATES AND REA REGIONS

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group All Industries
Type of Industry _____

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine	1	45	45	45	45
New Hampshire	0	0	0	0	0
Vermont	4	20	5	5	5
New Jersey	2	22.5	15	7.5	11.3
Pennsylvania	31	252.5	20	5	8.1
Delaware	2	30	15	15	15
Maryland	20	110	10	5	5.5
Michigan	149	1,195.5	105	5	8
Ohio	95	1,415.5	150	5	14.9
TOTAL	304	3,091	150	5	10
REGION II					
West Virginia	1	5	5	5	5
Virginia	28	489	112.5	5	17.5
North Carolina	13	325	150	5	25
South Carolina	15	397.5	150	5	26.7
Georgia	110	1,745	450	5	15.8
Florida	17	185	75	5	10.9
TOTAL	184	3,146.5	450	5	17.1
REGION III					
Alabama	76	838	15	5	11.0
Kentucky	143	962.5	30	5	6.7
Mississippi	175	5,412.5	600	5	31.0
Tennessee	259	18,624.0	3,750	5	71.6
TOTAL	653	25,837	3,750	5	39.4
REGION IV					
Illinois	74	1,701.5	195	5	23
Indiana	121	1,702	225	5	14.1
Missouri	165	1,108.5	30	5	6.7
TOTAL	360	4,512	225	5	12.5

STANDARD TABLE OF WEIGHTS AND MEASURES

GIVEN BY THE U. S. GOVERNMENT

UNITED STATES DEPARTMENT OF COMMERCE
BUREAU OF STANDARDS

UNIT	GRAIN	POUND	TON	AVOIRDUPOIS
1/256	1	1/16	1/2000	1
1/128	2	1/8	1/1000	2
1/64	4	1/4	1/500	4
1/32	8	1/2	1/250	8
1/16	16	1	1/125	16
1/8	32	2	1/62.5	32
1/4	64	4	1/31.25	64
1/2	128	8	1/15.625	128
3/4	192	12	3/125	192
1	256	16	1/62.5	256
1 1/4	384	24	3/125	384
1 1/2	480	30	3/100	480
1 3/4	576	36	3/80	576
2	768	48	1/50	768
2 1/4	1024	64	1/40	1024
2 1/2	1280	80	1/32	1280
2 3/4	1536	96	3/80	1536
3	1920	120	1/25	1920
3 1/4	2304	144	3/62.5	2304
3 1/2	2688	168	1/20	2688
3 3/4	3072	192	3/50	3072
4	3840	240	1/15	3840
4 1/4	4608	288	3/40	4608
4 1/2	5120	320	1/12.5	5120
4 3/4	5632	360	3/25	5632
5	6400	400	1/10	6400
5 1/4	7168	480	3/25	7168
5 1/2	7680	560	1/8	7680
5 3/4	8192	640	3/20	8192
6	9600	720	1/7	9600
6 1/4	10368	840	3/28	10368
6 1/2	10880	960	1/6	10880
6 3/4	11392	1040	3/16	11392
7	12800	1120	1/5	12800
7 1/4	13568	1344	3/14	13568
7 1/2	14080	1568	1/4	14080
7 3/4	14592	1680	3/11.25	14592
8	16384	1760	1/3	16384
8 1/4	17152	2016	3/11	17152
8 1/2	17664	2240	1/2	17664
8 3/4	18176	2360	3/8	18176
9	20480	2400	1/1	20480
9 1/4	21248	2880	3/7	21248
9 1/2	21760	3360	1/1/2	21760
9 3/4	22272	3480	3/5	22272
10	24576	3520	1/1/3	24576
10 1/4	25344	4224	3/4	25344
10 1/2	25856	4960	1/1/2	25856
10 3/4	26368	5180	3/4	26368
11	28672	5280	1/1/3	28672
11 1/4	29440	6336	3/5	29440
11 1/2	29952	7168	1/1/2	29952
11 3/4	30464	7380	3/5	30464
12	32768	7680	1/1	32768
12 1/4	33536	9152	3/4	33536
12 1/2	34048	10304	1/1/2	34048
12 3/4	34560	10520	3/4	34560
13	36864	10880	1/1/3	36864
13 1/4	37632	13056	3/5	37632
13 1/2	38144	14784	1/1/2	38144
13 3/4	38656	15000	3/5	38656
14	40960	15360	1/1	40960
14 1/4	41728	18432	3/4	41728
14 1/2	42240	20960	1/1/2	42240
14 3/4	42752	21180	3/4	42752
15	45056	21600	1/1/3	45056
15 1/4	45824	26112	3/5	45824
15 1/2	46336	29632	1/1/2	46336
15 3/4	46848	30850	3/5	46848
16	49152	31360	1/1	49152
16 1/4	49920	37632	3/4	49920
16 1/2	50432	42152	1/1/2	50432
16 3/4	50944	42370	3/4	50944
17	53248	42880	1/1/3	53248
17 1/4	54016	51904	3/5	54016
17 1/2	54528	59424	1/1/2	54528
17 3/4	55040	60640	3/5	55040
18	57344	61150	1/1	57344
18 1/4	58112	73632	3/4	58112
18 1/2	58624	83152	1/1/2	58624
18 3/4	59136	85370	3/4	59136
19	61440	85880	1/1/3	61440
19 1/4	62208	103904	3/5	62208
19 1/2	62720	118424	1/1/2	62720
19 3/4	63232	120640	3/5	63232
20	65536	121150	1/1	65536
20 1/4	66304	147632	3/4	66304
20 1/2	66816	167152	1/1/2	66816
20 3/4	67328	169370	3/4	67328
21	69632	170880	1/1/3	69632
21 1/4	70400	207404	3/5	70400
21 1/2	70912	236924	1/1/2	70912
21 3/4	71424	239140	3/5	71424
22	73728	240650	1/1	73728
22 1/4	74496	295632	3/4	74496
22 1/2	75008	335152	1/1/2	75008
22 3/4	75520	337370	3/4	75520
23	77824	338880	1/1/3	77824
23 1/4	78592	407904	3/5	78592
23 1/2	79104	462424	1/1/2	79104
23 3/4	79616	464640	3/5	79616
24	81920	465150	1/1	81920
24 1/4	82688	560132	3/4	82688
24 1/2	83200	629652	1/1/2	83200
24 3/4	83712	631870	3/4	83712
25	86016	632380	1/1/3	86016
25 1/4	86784	767404	3/5	86784
25 1/2	87296	871924	1/1/2	87296
25 3/4	87808	874140	3/5	87808
26	90112	874650	1/1	90112
26 1/4	90880	1059632	3/4	90880
26 1/2	91392	1204852	1/1/2	91392
26 3/4	91904	1207070	3/4	91904
27	94208	1207580	1/1/3	94208
27 1/4	94976	1402604	3/5	94976
27 1/2	95488	1597824	1/1/2	95488
27 3/4	95999	1600040	3/5	95999
28	98304	1600550	1/1	98304
28 1/4	99072	1920532	3/4	99072
28 1/2	99584	2165752	1/1/2	99584
28 3/4	100096	2167970	3/4	100096
29	102399	2168480	1/1/3	102399
29 1/4	103167	2598504	3/5	103167
29 1/2	103679	2943724	1/1/2	103679
29 3/4	104191	2945940	3/5	104191
30	106496	2946450	1/1	106496
30 1/4	107264	3516432	3/4	107264
30 1/2	107776	3961652	1/1/2	107776
30 3/4	108288	3963870	3/4	108288
31	110592	3964380	1/1/3	110592
31 1/4	111360	4754404	3/5	111360
31 1/2	111872	5399624	1/1/2	111872
31 3/4	112384	5401840	3/5	112384
32	114688	5402350	1/1	114688
32 1/4	115456	6552332	3/4	115456
32 1/2	115968	7447552	1/1/2	115968
32 3/4	116480	7449770	3/4	116480
33	118784	7450280	1/1/3	118784
33 1/4	119552	8800304	3/5	119552
33 1/2	120064	10045524	1/1/2	120064
33 3/4	120576	1006770	3/5	120576
34	122880	1007280	1/1	122880
34 1/4	123648	1212262	3/4	123648
34 1/2	124160	1386784	1/1/2	124160
34 3/4	124672	1389000	3/4	124672
35	126976	1389510	1/1/3	126976
35 1/4	127744	1639532	3/5	127744
35 1/2	128256	1864054	1/1/2	128256
35 3/4	128768	1866270	3/5	128768
36	131072	1866780	1/1	131072
36 1/4	131840	2186802	3/4	131840
36 1/2	132352	2482024	1/1/2	132352
36 3/4	132864	2484240	3/4	132864
37	135168	2484750	1/1/3	135168
37 1/4	135936	2954772	3/5	135936
37 1/2	136448	3350000	1/1/2	136448
37 3/4	136960	3352216	3/5	136960
38	139264	3352726	1/1	139264
38 1/4	140032	3982748	3/4	140032
38 1/2	140544	4527968	1/1/2	140544
38 3/4	141056	4530184	3/4	141056
39	143360	4530694	1/1/3	143360
39 1/4	144128	5380716	3/5	144128
39 1/2	144640	6125936	1/1/2	144640
39 3/4	145152	6128152	3/5	145152
40	147456	6128662	1/1	147456
40 1/4	148224	7278684	3/4	148224
40 1/2	148736	8223904	1/1/2	148736
40 3/4	149248	8226120	3/4	149248
41	151552	8226630	1/1/3	151552
41 1/4	152320	9776652	3/5	152320
41 1/2	152832	11121872	1/1/2	152832
41 3/4	153344	1114403	3/5	153344
42	155648	1114914	1/1	155648
42 1/4	156416	1339936	3/4	156416
42 1/2	156928	1514458	1/1/2	156928
42 3/4	157440	1516674	3/4	157440
43	159744	1517184	1/1/3	159744
43 1/4	160512	1807206	3/5	160512
43 1/2	161024	2052426	1/1/2	161024
43 3/4	161536	2054642	3/5	161536
44	163840	2055152	1/1	163840
44 1/4	164608	2425174	3/4	164608
44 1/2	165120	2770394	1/1/2	165120
44 3/4	165632	2772610	3/4	165632
45	167936	2773120	1/1/3	167936
45 1/4	168704	3243142	3/5	168704
45 1/2	169216	3688362	1/1/2	169216
45 3/4	169728	3690578	3/5	169728
46	172032	3691088	1/1	172032
46 1/4	172800	4261110	3/4	172800
46 1/2	173312	4806330	1/1/2	173312
46 3/4	173824	4808546	3/4	173824
47	176128	4809056	1/1/3	176128
47 1/4	176896	5659078	3/5	176896
47 1/2	177408	6404298	1/1/2	177408
47 3/4	177920	6406514	3/5	177920
48	180224	6407024	1/1	180224
48 1/4	180992	7557046	3/4	180992
48 1/2	181504	8502266	1/1/2	181504
48 3/4	182016	8504482	3/4	182016
49	184320	8504992	1/1/3	184320
49 1/4	185088	10055014	3/5	185088
49 1/2	185600	11400234	1/1/2	185600
49 3/4	186112	11402450	3/5	186112
50	188416	11402960	1/1	188416
50 1/4	189184	13552982	3/4	189184
50 1/2	189696	15398202	1/1/2	189696
50 3/4	190208	15400418	3/4	190208
51	192512	15400928	1/1/3	192512
51 1/4	193280	17901150	3/5	193280
51 1/2	193792	20046370	1/1/2	193792
51 3/4	194304	2006853	3/5	194304
52	196608	2007364	1/1	196608
52 1/4	197376	2327386	3/4	197376
52 1/2	197888	2622606	1/1/2	197888
52 3/4	198400	2624822	3/4	198400
53	200704	2625332	1/1/3	20

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	137	1,153	55	5	8.4
Minnesota	94	1,328	150	5	14
North Dakota	20	272.5	27.5	5	13.6
South Dakota	3	29.5	12	7.5	9.8
TOTAL	254	2,783	150	5	11
REGION VI					
Kansas	80	470	15	5	5.9
Nebraska	330	2,069.5	45	5	6.3
Iowa	237	1,418.5	25	5	6.0
TOTAL	647	3,958	45	5	6.1
REGION VII					
Arkansas	27	272.5	75	5	10.1
Louisiana	16	177.5	30	5	11.1
Texas	243	5,095.5	200	5	21
Oklahoma	67	502.5	25	5	7.5
TOTAL	353	6,048	200	5	17.1
REGION VIII					
Arizona	10	282.5	150	7.5	28.3
Nevada	10	421.5	75	5	42.2
New Mexico	231	2,327.5	85	5	10.1
Idaho	146	1,025.5	50	5	7.2
Colorado	107	1,954.5	35	5	18.3
Utah	6	60	15	5	10
Montana	39	336	75	5	8.6
Wyoming	13	162.5	45	5	12.5
Washington	147	857.5	17.5	5	5.8
Oregon	24	160	10	5	6.7
California	19	206	45	5	10.8
TOTAL	752	7,793.5	150	5	10.2
U. S. Total	3,507	57,169	3,750	5	16.3

NUMBER OF INDUSTRIES, TOTAL LOAD, AVERAGE LOAD --
BY MAIN CLASSES OF INDUSTRY AND BY REA REGIONS

BREAKDOWN BY (9) MAIN CLASSES OF INDUSTRIES, NUMBER,
CONNECTED LOAD, LARGEST, SMALLEST AND AVERAGE LOAD --
BY STATES AND NEA REGIONS

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group I. Farm "Industries" Only
Type of Industry Summary

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont	3	15	5	5	5
New Jersey	1	15	15	15	15
Pennsylvania	4	22.5	7.5	5	5.6
Delaware					
Maryland	12	65	10	5	5.4
Michigan	119	670	25	5	5.6
Ohio	41	255	17.5	5	6.2
TOTAL	180	1,042.5	17.5	5	5.8
REGION II					
West Virginia					
Virginia	10	225	112.5	5	22.5
North Carolina	1	10	10	10	10
South Carolina	5	25	5	5	5
Georgia	46	752.5	75	5	16.3
Florida	16	110	10	5	6.9
TOTAL	78	1,122.5	112.5	5	14.4
REGION III					
Alabama	53	580.5	78	5	11
Kentucky	108	670	30	5	6.2
Mississippi	90	2,372.5	7.5	5	26.4
Tennessee	87	4,667	150	5	53.5
TOTAL	338	8,290	150	5	24.5
REGION IV					
Illinois	31	410	100	5	13.2
Indiana	74	477	30	5	6.5
Missouri	126	717.5	30	5	5.7
TOTAL	231	1,604.5	100	5	7

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INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	28	210	25	5	7.5
Minnesota	37	217.5	10	5	5.9
North Dakota	2	10	5	5	5
South Dakota	1	10	10	10	10
TOTAL	68	447.5	25	5	6.6
REGION VI					
Kansas	63	347.5	25	5	5.5
Nebraska	312	1,818.5	25	5	5.8
Iowa	176	945	15	5	5.4
TOTAL	551	3,111	25	5	5.6
REGION VII					
Arkansas	14	152.5	75	5	10.9
Louisiana	3	27.5	10	7.5	9.2
Texas	166	4,225.5	150	5	25.4
Oklahoma	35	233.5	20	5	6.7
TOTAL	218	4,639	150	5	21.2
REGION VIII					
Arizona	4	210	150	7.5	52.5
Nevada	2	10	5	5	5
New Mexico	216	2,060	40	5	9.5
Idaho	100	515	10	5	5.2
Colorado	93	1,720	35	5	18.5
Utah					
Montana	22	125	10	5	5.7
Wyoming	4	22.5	7.5	5	5.6
Washington	126	707.5	10	5	5.6
Oregon	17	105	10	5	6.2
California	6	37	10	5	6.2
TOTAL	590	5,512	10	5	9.4
U. S. TOTALS	2254	25,769	150	5	10.9
TVA (area also included in above)	134	7,232.5	150	5	53.9

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group II. Governmental Services, Utilities, and Institutions
Type of Industry Summary only

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont	1	5	5	5	5
New Jersey					
Pennsylvania	10	72.5	7.5	5	7.3
Delaware					
Maryland	2	10	5	5	5
Michigan	11	197.5	75	5	18
Ohio	17	390.5	150	5	23
TOTAL	41	675.5	150	5	16.5
REGION II					
West Virginia					
Virginia	8	145	75	5	18.1
North Carolina	2	60	45	5	30
South Carolina	6	187.5	100	5	31.3
Georgia	11	547.5	450	5	49.8
Florida					
TOTAL	27	940	450	5	34.8
REGION III					
Alabama	12	112.5	15	5	9.4
Kentucky	11	75	15	5	6.8
Mississippi	25	1,097.5	600	5	43.9
Tennessee	54	2,257	300	5	41.7
TOTAL	102	3,542	600	5	39.1
REGION IV					
Illinois	2	30	15	15	15
Indiana	7	275	225	5	39.3
Missouri	9	80.5	15	5	8.9
TOTAL	18	385.5	225	5	21.4

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	9	75.5	15	5	8.4
Minnesota	9	107.5	35	5	11.9
North Dakota					
South Dakota					
TOTAL	18	183	35	5	10.2
REGION VI					
Kansas					
Nebraska	5	75	25	10	15
Iowa	6	40	10	5	6.7
TOTAL	11	115	25	5	10.5
REGION VII					
Arkansas	6	75	25	5	12.5
Louisiana	3	20	7.5	5	6.7
Texas	21	152.5	25	5	7.3
Oklahoma	12	110	25	5	9.2
TOTAL	42	357.5	25	5	8.5
REGION VIII					
Arizona					
Nevada	5	186.5	72.5	15	37.3
New Mexico	7	192.5	85	5	27.5
Idaho	13	142.5	25	5	11
Colorado	1	30	30	30	30
Utah	2	20	10	10	10
Montana	10	150	75	5	15
Wyoming	6	55	15	5	9.2
Washington	3	17.5	7.5	5	5.8
Oregon	2	17.5	10	7.5	8.8
California					
TOTAL	49	811.5			16.6
U. S. TOTAL	308	7,010	600	5	22.9
TVA area (also included Above)	68	3,627	600	5	53.4

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group III. Food Processing
Type of Industry Summary

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania	4	35	15	5	8.8
Delaware	1	15	15	15	15
Maryland	2	12.5	7.5	5	6.3
Michigan	7	66.5	22.5	5	9.5
Ohio	21	292.5	75	5	13.9
TOTAL	35	421.5	22.5	5	12
REGION II					
West Virginia					
Virginia	8	79	30	5	9.9
North Carolina	6	90	30	5	15
South Carolina					
Georgia	37	267.5	30	5	7.2
Florida					
TOTAL	51	436.5	30	5	8.6
REGION III					
Alabama	7	115	50	5	16.7
Kentucky	12	117.5	22.5	5	9.8
Mississippi	28	587.5	75	5	21
Tennessee	63	2,719	750	5	43.1
TOTAL	110	3,539	750	5	32.2
REGION IV					
Illinois	21	424	45	7.5	20.2
Indiana	29	512.5	75	5	17.7
Missouri	17	186.5	25	5	11
TOTAL	67	1,123	75	5	19.7

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	78	717.5	55	5	9.2
Minnesota	34	678	75	5	19.9
North Dakota	18	262.5	27.5	5	14.6
South Dakota	1	12	12	12	12
TOTAL	131	1,670	75	5	12.7
REGION VI					
Kansas	13	102.5	15	5	7.9
Nebraska	9	141	45	5	15.7
Iowa	44	358.5	25	5	8.1
TOTAL	66	602	45	5	9.1
REGION VII					
Arkansas	3	25	10	5	8
Louisiana	6	65	30	5	10.8
Texas	37	510	200	5	13.7
Oklahoma	9	65	15	5	7.2
TOTAL	55	665	200	5	12.1
REGION VIII					
Arizona	1	22.5	22.5	22.5	22.5
Nevada					
New Mexico					
Idaho	10	165.5	50	5	16.6
Colorado	10	174.5	22.5	6	17.5
Utah					
Montana	5	46	15	6	9.2
Wyoming	2	40	20	20	20
Washington	6	50	10	5	8.3
Oregon	2	12.5	7.5	5	6.3
California	6	84	30	5	14
TOTAL	42	595	30	5	14.2
U. S. TOTAL	557	9,052	750	5	16.3
TVA (also included above)	95	3,401.5	750	5	35.9

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group		IV. Forest Products			
Type of Industry		Summary			
STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine	1	45	45	45	45
New Hampshire					
Vermont					
New Jersey					
Pennsylvania	3	30	10	10	10
Delaware	1	15	15	15	15
Maryland	1	7.5	7.5	7.5	7.5
Michigan	2	15	10	5	7.5
Ohio					
TOTAL	8	112.5	45	5	14.7
REGION II					
West Virginia	1	5	5	5	5
Virginia	2	40	30	10	20
North Carolina	1	5	5	5	5
South Carolina					
Georgia	1	5	5	5	5
Florida					
TOTAL	5	55	30	5	11
REGION III					
Alabama	1	7.5	7.5	7.5	7.5
Kentucky					
Mississippi	6	100	50	5	16.7
Tennessee	9	177.5	50	8	19.7
TOTAL	16	285	50	5	17.8
REGION IV					
Illinois					
Indiana	1	30	30	30	30
Missouri	1	22.5	22.5	22.5	22.5
TOTAL	2	52.5	30	22.5	26.3

INVENTORY OF THE

THE NATIONAL ARCHIVES

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NAME	DATE	DESCRIPTION	REMARKS	CLASSIFICATION	NOTES
1. 1864					
2. 1865					
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95. 1958					
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97. 1960					
98. 1961					
99. 1962					
100. 1963					

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	3	27.5	15	5	9.7
Minnesota	1	15	15	15	15
North Dakota					
South Dakota	1	7.5	7.5	7.5	7.5
TOTAL	5	50	15	5	10
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas	2	15	10	5	7.5
Oklahoma					
TOTAL	2	15	10	5	7.5
REGION VIII					
Arizona					
Nevada					
New Mexico	2	20	10	10	10
Idaho	2	10	5	5	5
Colorado	1	10	10	10	10
Utah	1	10	10	10	10
Montana					
Wyoming	1	45	45	45	45
Washington	1	5	5	5	5
Oregon	2	15	10	5	7.5
California	2	60	45	15	30
TOTAL	12	175	45	5	14.6
U.S. TOTAL	50	745	50	5	14.9
TVA AREA (also included above)	15	277.5	50	5	18.3

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group V. Mineral Products
Type of Industry Summary

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania	8	77.5	20	5	9.7
Delaware					
Maryland					
Michigan	1	9	9	9	9
Ohio	3	15	5	5	5
TOTAL	12	101.5	9	5	8.5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	1	15	15	15	15
Florida					
TOTAL	1	15	15	15	15
REGION III					
Alabama					
Kentucky	3	50	50	5	16.67
Mississippi	4	45	10	5	11.3
Tennessee	3	215	125	15	71.7
TOTAL	10	310	125	5	31
REGION IV					
Illinois	9	275	100	7.5	30.6
Indiana	1	75	75	75	75
Missouri	2	35	30	5	17.5
TOTAL	12	385	100	5	32.1

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa	2	10	5	5	5
TOTAL	2	10	5	5	5
REGION VII					
Arkansas					
Louisiana					
Texas	4	97.5	75	5	24.4
Oklahoma	4	45	15	5	11.3
TOTAL	8	142.5	75	5	17.8
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado	1	15	15	15	15
Utah	1	5	5	5	5
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL	2	20	15	5	10
U.S. TOTAL	47	984	125	5	20.5
TVA AREA (also included above)	3	215	125	15	71.7

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group VI. Stone, Clay and Glass Products
Type of Industry Summary

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan	1	105	105	105	105
Ohio	7	427.5	112.5	7.5	61.1
TOTAL	8	532.5	112.5	7.5	66.6
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina	3	180	150	5	60
Georgia	3	20	10	5	6.67
Florida					
TOTAL	6	200	150	5	33.3
REGION III					
Alabama					
Kentucky	1	5	5	5	5
Mississippi	8	1,067.5	300	10	133.4
Tennessee	13	6,432.5	3750	5	495
TOTAL	22	7505	3750	5	341
REGION IV					
Illinois	7	525	195	15	75
Indiana	3	252.5	225	5	84.2
Missouri					
TOTAL	10	777.5	225	5	77.8

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota	1	22.5	22.5	22.5	22.5
North Dakota					
South Dakota					
TOTAL	1	22.5	22.5	22.5	22.5
REGION VI					
Kansas					
Nebraska					
Iowa	2	12.5	7.5	5	6.3
TOTAL	2	12.5	7.5	5	6.3
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona	1	15	15	15	15
Nevada	3	225	75	75	75
New Mexico					
Idaho					
Colorado	1	5	5	5	5
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL	5	245	75	5	49
U. S. TOTAL	54	9,295	3,750	5	172.1
TVA area (also includ-					
ed above)	20	7,470	3,750	5	373.5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group VII. Miscellaneous Industries and Commercial Consumers.
Type of Industry Summary

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey	1	7.5	7.5	7.5	7.5
Pennsylvania	1	7.5	7.5	7.5	7.5
Delaware					
Maryland	3	15	5	5	5
Michigan	8	132.5	75	5	16.6
Ohio	4	20	5	5	5
TOTAL	17	182.5	75	5	10.7
REGION II					
West Virginia					
Virginia					
North Carolina	1	5	5	5	5
South Carolina	1	5	5	5	5
Georgia	6.	32.5	7.5	5	5.4
Florida					
TOTAL	8	42.5	7.5	5	5.3
REGION III					
Alabama	3	22.5	10	5	7.5
Kentucky	8	45	7.5	5	5.6
Mississippi	14	142.5	30	5	10.2
Tennessee	18	1,061.5	600	10	59
TOTAL	43	1,271.5	600	5	29.6
REGION IV					
Illinois	4	37.5	17.5	5	9.4
Indiana	6	80	50	5	13.3
Missouri	9	61.5	15	5	6.8
TOTAL	19	179	50	5	9.4

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	17	102.5	10	5	6
Minnesota	11	212.5	150	5	19.3
North Dakota					
South Dakota					
TOTAL	28	315	150	5	11.2
REGION VI					
Kansas	4	20	5	5	5
Nebraska	4	35	15	5	8.8
Iowa	7	52.5	17.5	5	7.5
TOTAL	15	107.5	17.5	5	7.2
REGION VII					
Arkansas	4	20	5	5	5
Louisiana	3	35	25	5	11.7
Texas	12	90	15	5	7.5
Oklahoma	7	49	10	5	7
TOTAL	26	194	25	5	7.5
REGION VIII					
Arizona	4	35	10	7.5	8.8
Nevada					
New Mexico	6	55	20	5	9.2
Idaho	21	192.5	10	5	9.2
Colorado					
Utah	2	25	15	10	12.5
Montana	2	15	10	5	7.5
Wyoming					
Washington	11	77.5	17.5	5	7
Oregon	1	10	10	10	10
California	5	25	5	5	5
TOTAL	52	435	17.5	5	8.4
U. S. TOTAL	208	2,727	600	5	13.1
TVA area (also includ-					
ed above)	25	1,131.5	600	5	45.4

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group		VIII. Textiles and Textile Products			
Type of Industry		Summary			
STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina	2	155	150	5	77.5
South Carolina					
Georgia	5	105	25	5	21
Florida					
TOTAL	7	260	150	5	37.1
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	11	1,049.5	450	10	95.5
TOTAL	11	1,049.5	450	10	95.5
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas	1	5	5	5	5
Oklahoma					
TOTAL	1	5	5	5	5
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. TOTAL	19	1,314.5	450	5	69.2
TVA AREA (also included above)	15	1,149.5	450	5	76.8

STATE OF NEW YORK

1890

NAME	RESIDENCE	EDUCATION	EXPERIENCE	REMARKS
JOHN A. SMITH	ALBANY	COLLEGE	TEACHER	1885
JAMES B. JONES	ALBANY	COLLEGE	TEACHER	1886
WILLIAM C. BROWN	ALBANY	COLLEGE	TEACHER	1887
CHARLES D. WHITE	ALBANY	COLLEGE	TEACHER	1888
EDWARD E. GREEN	ALBANY	COLLEGE	TEACHER	1889
FRANK F. BLACK	ALBANY	COLLEGE	TEACHER	1890
GEORGE G. GRAY	ALBANY	COLLEGE	TEACHER	1891
HERBERT H. HARRIS	ALBANY	COLLEGE	TEACHER	1892
IRVING I. IRVING	ALBANY	COLLEGE	TEACHER	1893
JACOB J. JACOB	ALBANY	COLLEGE	TEACHER	1894
JOSEPH K. KELLY	ALBANY	COLLEGE	TEACHER	1895
LEWIS L. LEWIS	ALBANY	COLLEGE	TEACHER	1896
MORRIS M. MORRIS	ALBANY	COLLEGE	TEACHER	1897
NATHAN N. NATHAN	ALBANY	COLLEGE	TEACHER	1898
OSCAR O. OSCAR	ALBANY	COLLEGE	TEACHER	1899
PETER P. PETER	ALBANY	COLLEGE	TEACHER	1900
QUINCY Q. QUINCY	ALBANY	COLLEGE	TEACHER	1901
RICHARD R. RICHARD	ALBANY	COLLEGE	TEACHER	1902
STEPHEN S. STEPHEN	ALBANY	COLLEGE	TEACHER	1903
THEODORE T. THEODORE	ALBANY	COLLEGE	TEACHER	1904
ULYSSES U. ULYSSES	ALBANY	COLLEGE	TEACHER	1905
VICTOR V. VICTOR	ALBANY	COLLEGE	TEACHER	1906
WALTER W. WALTER	ALBANY	COLLEGE	TEACHER	1907
XAVIER X. XAVIER	ALBANY	COLLEGE	TEACHER	1908
YVES Y. YVES	ALBANY	COLLEGE	TEACHER	1909
ZACHARY Z. ZACHARY	ALBANY	COLLEGE	TEACHER	1910

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group IX. Chemicals
Type of Industry Summary

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania	1	7.5	7.5	7.5	7.5
Delaware					
Maryland					
Michigan					
Ohio	2	15	10	5	7.5
TOTAL	3	22.5	10	5	7.5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida	1	75	75	75	75
TOTAL	1	75	75	75	75
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	1	45	45	45	45
TOTAL	1	45	45	45	45
REGION IV					
Illinois					
Indiana					
Missouri	1	5	5	5	5
TOTAL	1	5	5	5	5

STATE OF NEW YORK

IN SENATE, JANUARY 15, 1907.

REPORT OF THE COMMISSIONERS OF THE LAND OFFICE, IN RESPONSE TO A RESOLUTION PASSED BY THE SENATE, MAY 1, 1906.

NAME OF LAND	ACRES	AMOUNT PAID	DATE PAID	REMARKS
1. 1000	1000	1000	1900	
2. 1000	1000	1000	1900	
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94. 1000	1000	1000	1900	
95. 1000	1000	1000	1900	
96. 1000	1000	1000	1900	
97. 1000	1000	1000	1900	
98. 1000	1000	1000	1900	
99. 1000	1000	1000	1900	
100. 1000	1000	1000	1900	

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	2	20	15	5	10
Minnesota	1	75	75	75	75
North Dakota					
South Dakota					
TOTAL	3	95	75	5	31.6
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana	1	30	30	30	30
Texas					
Oklahoma					
TOTAL	1	30	30	30	30
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. TOTAL	10	272.5	75	5	27.3
TVA AREA (also included above)	1	45	45	45	45

BREAKDOWN BY (113) INDIVIDUAL TYPES OF INDUSTRY —
BY STATES

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group I. Farm Industries

Type of Industry 1. Large Farm Use

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont	3	15	5	5	5
New Jersey					
Pennsylvania	2	12.5	7.5	5	6.3
Delaware					
Maryland	11	55	5	5	5
Michigan	113	572.5	7.5	5	5.1
Ohio	26	145	15	5	5.6
TOTAL	155	800	15	5	5.2
REGION II					
West Virginia					
Virginia	4	32.5	15	5	8.1
North Carolina					
South Carolina	5	25	5	5	5
Georgia	35	237.5	45	5	6.8
Florida					
TOTAL	44	295	45	5	6.7
REGION III					
Alabama	45	247.5	10	5	5.5
Kentucky	92	487.5	10	5	5.2
Mississippi	51	337.5	52.5	5	6.6
Tennessee	2	25	15	10	12.5
TOTAL	190	1,097.5	52.5	5	5.8
REGION IV					
Illinois	8	95	50	5	11.9
Indiana	55	280	10	5	5.1
Missouri	121	662.5	22.5	5	5.5
TOTAL	184	1,037.5	50	5	5.6

INDUSTRIAL LOADS ON REA SYSTEMS

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Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	19	100	7.5	5	5.3
Minnesota	14	77.5	7.5	5	5.5
North Dakota	2	10	5	5	5
South Dakota					
TOTAL	35	187.5	7.5	5	5.4
REGION VI					
Kansas	59	295	5	5	5
Nebraska	280	1,418.5	12.5	5	5.1
Iowa	147	772.5	15	5	5.2
TOTAL	486	2,486	15	5	5.1
REGION VII					
Arkansas	7	42.5	7.5	5	6.1
Louisiana	1	10	10	10	10
Texas	23	142.5	22.5	5	6.2
Oklahoma	23	150	10	5	5.4
TOTAL	59	345	22.5	5	5.8
REGION VIII					
Arizona	2	45	30	7.5	22.5
Nevada					
New Mexico	102	517.5	10	5	5.1
Idaho	98	502.5	10	5	5.1
Colorado	9	75	27.5	5	8.3
Utah					
Montana	22	125	10	5	5.7
Wyoming					
Washington	114	622.5	10	5	5.5
Oregon	12	75	10	5	6.3
California					
TOTAL	359	1,962.5	30	5	
U. S. TOTAL	1,512	8,211	52.5	5	5.4
TVA (also included above)	15	167.5	52.5	5	11.2

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group 1. Farm IndustriesType of Industry 2. Irrigation

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania	1	5	5	5	5
Delaware					
Maryland					
Michigan	1	15	15	15	15
Ohio					
TOTAL	2	20	15	5	10
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	1	5	5	5	5
Florida	16	110	10	5	6.9
TOTAL	17	115	10	5	6.8
REGION III					
Alabama					
Kentucky	11	140	30	5	12.7
Mississippi	7	35	5	5	5
Tennessee	20	405	75	5	20.3
TOTAL	38	580	75	5	15.3
REGION IV					
Illinois	19	265	100	5	13.9
Indiana	13	140	30	5	10.8
Missouri	3	20	10	5	6.7
TOTAL	35	425	100	5	12.1

INDUSTRIAL DATA OF THE UNITED STATES

Compiled by the Bureau of Economic Warfare, War Relocation Authority

Division of Industrial Statistics
Type of Industry: Manufacturing

Product	Value 1941	Value 1942	Value 1943	Value 1944	Value 1945
Aluminum	1.5	2.0	3.0	4.0	5.0
Steel	10.0	12.0	15.0	18.0	20.0
Iron	8.0	10.0	12.0	15.0	18.0
Copper	1.0	1.2	1.5	1.8	2.0
Lead	0.5	0.6	0.8	1.0	1.2
Zinc	0.3	0.4	0.5	0.6	0.8
Gold	0.1	0.1	0.1	0.1	0.1
Platinum	0.05	0.05	0.05	0.05	0.05
Palladium	0.02	0.02	0.02	0.02	0.02
Silver	0.1	0.1	0.1	0.1	0.1
Mercury	0.01	0.01	0.01	0.01	0.01
Antimony	0.01	0.01	0.01	0.01	0.01
Vanadium	0.01	0.01	0.01	0.01	0.01
Chromium	0.01	0.01	0.01	0.01	0.01
Nickel	0.01	0.01	0.01	0.01	0.01
Cobalt	0.01	0.01	0.01	0.01	0.01
Manganese	0.01	0.01	0.01	0.01	0.01
Phosphorus	0.01	0.01	0.01	0.01	0.01
Sulfur	0.01	0.01	0.01	0.01	0.01
Carbon	0.01	0.01	0.01	0.01	0.01
Silicon	0.01	0.01	0.01	0.01	0.01
Boron	0.01	0.01	0.01	0.01	0.01
Fluorine	0.01	0.01	0.01	0.01	0.01
Chlorine	0.01	0.01	0.01	0.01	0.01
Bromine	0.01	0.01	0.01	0.01	0.01
Iodine	0.01	0.01	0.01	0.01	0.01
Barium	0.01	0.01	0.01	0.01	0.01
Strontium	0.01	0.01	0.01	0.01	0.01
Calcium	0.01	0.01	0.01	0.01	0.01
Magnesium	0.01	0.01	0.01	0.01	0.01
Sodium	0.01	0.01	0.01	0.01	0.01
Potassium	0.01	0.01	0.01	0.01	0.01
Lithium	0.01	0.01	0.01	0.01	0.01
Ammonium	0.01	0.01	0.01	0.01	0.01
Hydrogen	0.01	0.01	0.01	0.01	0.01
Oxygen	0.01	0.01	0.01	0.01	0.01
Nitrogen	0.01	0.01	0.01	0.01	0.01
Argon	0.01	0.01	0.01	0.01	0.01
Krypton	0.01	0.01	0.01	0.01	0.01
Xenon	0.01	0.01	0.01	0.01	0.01
Radium	0.01	0.01	0.01	0.01	0.01
Polonium	0.01	0.01	0.01	0.01	0.01
Actinium	0.01	0.01	0.01	0.01	0.01
Thorium	0.01	0.01	0.01	0.01	0.01
Uranium	0.01	0.01	0.01	0.01	0.01
Plutonium	0.01	0.01	0.01	0.01	0.01
Neptunium	0.01	0.01	0.01	0.01	0.01
Protactinium	0.01	0.01	0.01	0.01	0.01
Francium	0.01	0.01	0.01	0.01	0.01
Radium A	0.01	0.01	0.01	0.01	0.01
Radium B	0.01	0.01	0.01	0.01	0.01
Radium C	0.01	0.01	0.01	0.01	0.01
Radium D	0.01	0.01	0.01	0.01	0.01
Radium E	0.01	0.01	0.01	0.01	0.01
Radium F	0.01	0.01	0.01	0.01	0.01
Radium G	0.01	0.01	0.01	0.01	0.01
Radium H	0.01	0.01	0.01	0.01	0.01
Radium I	0.01	0.01	0.01	0.01	0.01
Radium J	0.01	0.01	0.01	0.01	0.01
Radium K	0.01	0.01	0.01	0.01	0.01
Radium L	0.01	0.01	0.01	0.01	0.01
Radium M	0.01	0.01	0.01	0.01	0.01
Radium N	0.01	0.01	0.01	0.01	0.01
Radium O	0.01	0.01	0.01	0.01	0.01
Radium P	0.01	0.01	0.01	0.01	0.01
Radium Q	0.01	0.01	0.01	0.01	0.01
Radium R	0.01	0.01	0.01	0.01	0.01
Radium S	0.01	0.01	0.01	0.01	0.01
Radium T	0.01	0.01	0.01	0.01	0.01
Radium U	0.01	0.01	0.01	0.01	0.01
Radium V	0.01	0.01	0.01	0.01	0.01
Radium W	0.01	0.01	0.01	0.01	0.01
Radium X	0.01	0.01	0.01	0.01	0.01
Radium Y	0.01	0.01	0.01	0.01	0.01
Radium Z	0.01	0.01	0.01	0.01	0.01

INDUSTRIAL LOADS ON REA SYSTEMS

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Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota	13	70	10	5	5.4
North Dakota					
South Dakota	1	10	10	10	10
TOTAL	14	80	10	5	5.7
REGION VI					
Kansas					
Nebraska	28	375	25	5	13
Iowa	22	120	10	5	5.5
TOTAL	50	495	25	5	9.9
REGION VII					
Arkansas	5	30	10	5	6
Louisiana	1	10	10	10	10
Texas	132	3,730.5	62.5	5	28.3
Oklahoma	4	50	20	5	12.5
TOTAL	142	3,820.5	62.5	5	26.9
REGION VIII					
Arizona	1	15	15	15	15
Nevada	2	10	5	5	5
New Mexico	102	1,455	40	5	14.3
Idaho	1	5	5	5	5
Colorado	84	1,645	35	5	19.6
Utah					
Montana					
Wyoming	3	15	5	5	5
Washington	11	80	10	5	7.3
Oregon	2	10	5	5	5
California	3	15	5	5	5
TOTAL	209	3,250	40	5	15.6
U. S. TOTAL	507	8,785.5	100	5	20.6
TVA area (also includ-					
ed above)	20	405	75	5	20.25

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group I. Farm IndustriesType of Industry 3. Cotton gins

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	6	450	75	75	75
Florida					
TOTAL	6	450	75	75	75
REGION III					
Alabama	4	303	78	75	75.8
Kentucky					
Mississippi	30	1,990	150	5	66.3
Tennessee	58	4,075	150	10	70.2
TOTAL	92	6,368	150	5	69.3
REGION IV					
Illinois					
Indiana					
Missouri	1	30	30	30	30
TOTAL	1	30	30	30	30

INDUSTRIAL LOADS ON REA SYSTEMS

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STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas	1	75	75	75	75
Louisiana					
Texas	6	287.5	150	5	47.9
Oklahoma	1	15	15	15	15
TOTAL	8	377.5			
REGION VIII					
Arizona	1	150	150	150	150
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL	1	150	150	150	150
U. S. TOTAL	108	7,375.5	150	5	68.3
TVA area (also includ-					
ed above)	92	6,508	150	5	70.7

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group I. Farm IndustriesType of Industry 4. Cranberry Marshes

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	1	5	5	5	5
Minnesota					
North Dakota					
South Dakota					
TOTAL	1	5	5	5	5
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. Total	1	5	5	5	5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group I. Farm IndustriesType of Industry 5. Cold Storage (general)

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan	1	22.5	22.5	22.5	22.5
Ohio					
TOTAL	1	22.5	22.5	22.5	22.5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	1	30	30	30	30
Florida					
TOTAL	1	30	30	30	30
REGION III					
Alabama	1	5	5	5	5
Kentucky	1	20	20	20	20
Mississippi					
Tennessee					
TOTAL	2	25	20	5	12.5
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas	1	25	25	25	25
Oklahoma					
TOTAL	1	25	25	25	25
REGION VIII					
Arizona					
Nevada					
New Mexico	3	20	10	5	6.7
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL	3	20	10	5	6.7
U. S. TOTAL	8	122.5	30	5	11.6

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group I Farm Industries
Type of Industry 6. Cold Storage (Locker)

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio	2	27.5	17.5	10	13.8
TOTAL	2	27.5	17.5	10	13.8
REGION II					
West Virginia					
Virginia	2	142.5	112.5	30	71.3
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL	2	142.5	112.5	30	71.3
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

Form 100-1 (Rev. 1-15-60)
 PREPARED BY THE BUREAU OF LAND MANAGEMENT
 U.S. DEPARTMENT OF THE INTERIOR

Section	Subsection	Tract	Section	Subsection	Tract
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9
10	10	10	10	10	10
11	11	11	11	11	11
12	12	12	12	12	12
13	13	13	13	13	13
14	14	14	14	14	14
15	15	15	15	15	15
16	16	16	16	16	16
17	17	17	17	17	17
18	18	18	18	18	18
19	19	19	19	19	19
20	20	20	20	20	20
21	21	21	21	21	21
22	22	22	22	22	22
23	23	23	23	23	23
24	24	24	24	24	24
25	25	25	25	25	25
26	26	26	26	26	26
27	27	27	27	27	27
28	28	28	28	28	28
29	29	29	29	29	29
30	30	30	30	30	30
31	31	31	31	31	31
32	32	32	32	32	32
33	33	33	33	33	33
34	34	34	34	34	34
35	35	35	35	35	35
36	36	36	36	36	36
37	37	37	37	37	37
38	38	38	38	38	38
39	39	39	39	39	39
40	40	40	40	40	40
41	41	41	41	41	41
42	42	42	42	42	42
43	43	43	43	43	43
44	44	44	44	44	44
45	45	45	45	45	45
46	46	46	46	46	46
47	47	47	47	47	47
48	48	48	48	48	48
49	49	49	49	49	49
50	50	50	50	50	50
51	51	51	51	51	51
52	52	52	52	52	52
53	53	53	53	53	53
54	54	54	54	54	54
55	55	55	55	55	55
56	56	56	56	56	56
57	57	57	57	57	57
58	58	58	58	58	58
59	59	59	59	59	59
60	60	60	60	60	60
61	61	61	61	61	61
62	62	62	62	62	62
63	63	63	63	63	63
64	64	64	64	64	64
65	65	65	65	65	65
66	66	66	66	66	66
67	67	67	67	67	67
68	68	68	68	68	68
69	69	69	69	69	69
70	70	70	70	70	70
71	71	71	71	71	71
72	72	72	72	72	72
73	73	73	73	73	73
74	74	74	74	74	74
75	75	75	75	75	75
76	76	76	76	76	76
77	77	77	77	77	77
78	78	78	78	78	78
79	79	79	79	79	79
80	80	80	80	80	80
81	81	81	81	81	81
82	82	82	82	82	82
83	83	83	83	83	83
84	84	84	84	84	84
85	85	85	85	85	85
86	86	86	86	86	86
87	87	87	87	87	87
88	88	88	88	88	88
89	89	89	89	89	89
90	90	90	90	90	90
91	91	91	91	91	91
92	92	92	92	92	92
93	93	93	93	93	93
94	94	94	94	94	94
95	95	95	95	95	95
96	96	96	96	96	96
97	97	97	97	97	97
98	98	98	98	98	98
99	99	99	99	99	99
100	100	100	100	100	100

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota	2	12.5	7.5	5	6.3
North Dakota					
South Dakota					
TOTAL	2	12.5	7.5	5	6.3
REGION VI					
Kansas					
Nebraska	2	15	7.5	7.5	7.5
Iowa					
TOTAL	2	15	7.5	7.5	7.5
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. TOTAL	8	197.5	112.5	5	24.7

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group I Farm IndustriesType of Industry 7. Farmers Cooperatives

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina	1	10	10	10	10
South Carolina					
Georgia					
Florida					
TOTAL	1	10	10	10	10
REGION III					
Alabama	1	7.5	7.5	7.5	7.5
Kentucky					
Mississippi					
Tennessee					
TOTAL	1	7.5	7.5	7.5	7.5
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

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Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas	1	15	15	15	15
Oklahoma					
TOTAL	1	15	15	15	15
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. TOTAL	3	32.5	15	7.5	10.8

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group I Farm IndustriesType of Industry 8. Fur Farms

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	5	77.5	25	7.5	15.5
Minnesota					
North Dakota					
South Dakota					
TOTAL	5	77.5	25	7.5	15.5
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico	4	42.5	15	7.5	10.8
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL	4	42.5	15	7.5	10.8
U. S. TOTAL	9	120	25	7.5	13.4

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group I Farm IndustriesType of Industry 9. Fruit and Vegetable graders and washers

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan	2	27.5	22.5	5	13.8
Ohio	2	20	15	5	10
TOTAL	4	47.5	22.5	5	11.9
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	1	15	15	15	15
Florida					
TOTAL	1	15	15	15	15
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

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Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas	3	47.5	25	5	15.8
Nebraska	1	5	5	5	5
Iowa					
TOTAL	4	52.5	25	5	13.1
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico	5	25	5	5	5
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL	5	25	5	5	5
U. S. TOTAL	14	140	25	5	10

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group I Farm Industries
Type of Industry 10. Fair Associations

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan	1	25	25	25	25
Ohio					
TOTAL	1	25	25	25	25
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					
U. S. TOTAL	1	25	25	25	25

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group I Farm IndustriesType of Industry 11. Fish Hatcheries

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	1	5	5	5	5
Florida					
TOTAL	1	5	5	5	5
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

#I-11.

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma	1	7.5	7.5	7.5	7.5
TOTAL	1	7.5	7.5	7.5	7.5
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington	1	5	5	5	5
Oregon					
California					
TOTAL	1	5	5	5	5
U. S. TOTAL	3	17.50	7.5	5	5.8

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group I Farm IndustriesType of Industry 12. Game Farms

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

Inventory of the Collection

Date of Inventory: _____

Inventory Number: _____

Date of Entry: _____

Item No.	Description	Quantity	Unit	Value	Remarks
1	Book 1	1	Volume	10.00	
2	Book 2	1	Volume	10.00	
3	Book 3	1	Volume	10.00	
4	Book 4	1	Volume	10.00	
5	Book 5	1	Volume	10.00	
6	Book 6	1	Volume	10.00	
7	Book 7	1	Volume	10.00	
8	Book 8	1	Volume	10.00	
9	Book 9	1	Volume	10.00	
10	Book 10	1	Volume	10.00	
11	Book 11	1	Volume	10.00	
12	Book 12	1	Volume	10.00	
13	Book 13	1	Volume	10.00	
14	Book 14	1	Volume	10.00	
15	Book 15	1	Volume	10.00	
16	Book 16	1	Volume	10.00	
17	Book 17	1	Volume	10.00	
18	Book 18	1	Volume	10.00	
19	Book 19	1	Volume	10.00	
20	Book 20	1	Volume	10.00	
21	Book 21	1	Volume	10.00	
22	Book 22	1	Volume	10.00	
23	Book 23	1	Volume	10.00	
24	Book 24	1	Volume	10.00	
25	Book 25	1	Volume	10.00	
26	Book 26	1	Volume	10.00	
27	Book 27	1	Volume	10.00	
28	Book 28	1	Volume	10.00	
29	Book 29	1	Volume	10.00	
30	Book 30	1	Volume	10.00	
31	Book 31	1	Volume	10.00	
32	Book 32	1	Volume	10.00	
33	Book 33	1	Volume	10.00	
34	Book 34	1	Volume	10.00	
35	Book 35	1	Volume	10.00	
36	Book 36	1	Volume	10.00	
37	Book 37	1	Volume	10.00	
38	Book 38	1	Volume	10.00	
39	Book 39	1	Volume	10.00	
40	Book 40	1	Volume	10.00	
41	Book 41	1	Volume	10.00	
42	Book 42	1	Volume	10.00	
43	Book 43	1	Volume	10.00	
44	Book 44	1	Volume	10.00	
45	Book 45	1	Volume	10.00	
46	Book 46	1	Volume	10.00	
47	Book 47	1	Volume	10.00	
48	Book 48	1	Volume	10.00	
49	Book 49	1	Volume	10.00	
50	Book 50	1	Volume	10.00	
51	Book 51	1	Volume	10.00	
52	Book 52	1	Volume	10.00	
53	Book 53	1	Volume	10.00	
54	Book 54	1	Volume	10.00	
55	Book 55	1	Volume	10.00	
56	Book 56	1	Volume	10.00	
57	Book 57	1	Volume	10.00	
58	Book 58	1	Volume	10.00	
59	Book 59	1	Volume	10.00	
60	Book 60	1	Volume	10.00	
61	Book 61	1	Volume	10.00	
62	Book 62	1	Volume	10.00	
63	Book 63	1	Volume	10.00	
64	Book 64	1	Volume	10.00	
65	Book 65	1	Volume	10.00	
66	Book 66	1	Volume	10.00	
67	Book 67	1	Volume	10.00	
68	Book 68	1	Volume	10.00	
69	Book 69	1	Volume	10.00	
70	Book 70	1	Volume	10.00	
71	Book 71	1	Volume	10.00	
72	Book 72	1	Volume	10.00	
73	Book 73	1	Volume	10.00	
74	Book 74	1	Volume	10.00	
75	Book 75	1	Volume	10.00	
76	Book 76	1	Volume	10.00	
77	Book 77	1	Volume	10.00	
78	Book 78	1	Volume	10.00	
79	Book 79	1	Volume	10.00	
80	Book 80	1	Volume	10.00	
81	Book 81	1	Volume	10.00	
82	Book 82	1	Volume	10.00	
83	Book 83	1	Volume	10.00	
84	Book 84	1	Volume	10.00	
85	Book 85	1	Volume	10.00	
86	Book 86	1	Volume	10.00	
87	Book 87	1	Volume	10.00	
88	Book 88	1	Volume	10.00	
89	Book 89	1	Volume	10.00	
90	Book 90	1	Volume	10.00	
91	Book 91	1	Volume	10.00	
92	Book 92	1	Volume	10.00	
93	Book 93	1	Volume	10.00	
94	Book 94	1	Volume	10.00	
95	Book 95	1	Volume	10.00	
96	Book 96	1	Volume	10.00	
97	Book 97	1	Volume	10.00	
98	Book 98	1	Volume	10.00	
99	Book 99	1	Volume	10.00	
100	Book 100	1	Volume	10.00	

INDUSTRIAL LOADS ON REA SYSTEMS

#I-12

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho	1	7.5	7.5	7.5	7.5
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL	1	7.5	7.5	7.5	7.5
U. S. TOTAL	1	7.5	7.5	7.5	7.5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group I Farm IndustriesType of Industry 13. Hatcheries, poultry farms and brooders

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland	1	10	10	10	10
Michigan	1	7.5	7.5	7.5	7.5
Ohio	6	32.5	7.5	5	5.4
TOTAL	8	50	10	5	12.5
REGION II					
West Virginia					
Virginia	4	50	15	5	12.5
North Carolina					
South Carolina					
Georgia	1	10	10	10	10
Florida					
TOTAL	5	60	15	5	12
REGION III					
Alabama					
Kentucky	3	17.5	7.5	5	5.8
Mississippi					
Tennessee	2	15	10	5	7.5
TOTAL	5	32.5	10	5	6.5
REGION IV					
Illinois					
Indiana	1	7.5	7.5	7.5	7.5
Missouri	1	5	5	5	5
TOTAL	2	12.5	7.5	5	6.3

INDUSTRIAL LOADS ON REA SYSTEMS

#1-13.

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	2	10	5	5	5
Minnesota	6	47.5	10	7.5	7.9
North Dakota					
South Dakota					
TOTAL	8	57.5	10	5	7.2
REGION VI					
Kansas	1	5	5	5	5
Nebraska	1	5	5	5	5
Iowa	1	5	5	5	5
TOTAL	3	15	5	5	5
REGION VII					
Arkansas	1	5	5	5	5
Louisiana					
Texas	2	15	10	5	7.5
Oklahoma					
TOTAL	3	20	10	5	6.7
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming	1	7.5	7.5	7.5	7.5
Washington					
Oregon	2	12.5	7.5	5	6.3
California					
TOTAL	3	20	7.5	5	6.7
U. S. TOTAL	37	267.5	15	5	7.2
TVA area (also includ- ed above)	2	15	10	5	7.5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group I. Farm Industries
Type of Industry 14. Nurseries, experimental Stations

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania	1	5	5	5	5
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL	1	5	5	5	5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi	1	5	5	5	5
Tennessee					
TOTAL	1	5	5	5	5
REGION IV					
Illinois					
Indiana	1	27	27	27	27
Missouri					
TOTAL	1	27	27	27	27

INDUSTRIAL LOADS ON REA SYSTEMS

#I-14.

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas	1	10	10	10	10
Oklahoma					
TOTAL	1	10	10	10	10
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon	1	7.5	7.5	7.5	7.5
California					
TOTAL	1	7.5	7.5	7.5	7.5
U. S. TOTAL	5	54.5	27	5	10.9

DATE	DESCRIPTION	QUANTITY	UNIT	VALUE	REMARKS
1900
1901
1902
1903
1904
1905
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2000

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group I. Farm IndustriesType of Industry 15. Water Pumps

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey	1	15	15	15	15
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL	1	15	15	15	15
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky	1	5	5	5	5
Mississippi	1	5	5	5	5
Tennessee	3	41	15	11	13.7
TOTAL	5	51	15	5	10.2
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa	2	17.5	10	7.5	8.8
TOTAL	2	17.5	10	7.5	8.8
REGION VII					
Arkansas					
Louisiana	1	7.5	7.5	7.5	7.5
Texas					
Oklahoma					
TOTAL	1	7.5	7.5	7.5	7.5
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California	2	12	6	6	6
TOTAL	2	12	6	6	6
U. S. TOTAL	11	103	15	5	9.4
TVA area (also includ-					
ed above)	3	41	15	11	13.7

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group I. Farm IndustriesType of Industry 16. Refrigeration

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio	2	15	10	5	7.5
TOTAL	2	15	10	5	7.5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama	1	7.5	7.5	7.5	7.5
Kentucky					
Mississippi					
Tennessee					
TOTAL	1	7.5	7.5	7.5	7.5
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

#I-16

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma	1	11	11	11	11
TOTAL	1	11	11	11	11
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. TOTAL	4	33.5	11	5	8.4

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group I. Farm Industries
Type of Industry 17. Seed cleaning, drying and packing

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio	3	15	5	5	5
TOTAL	3	15	5	5	5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	1	6	6	6	6
TOTAL	1	6	6	6	6
REGION IV					
Illinois	4	50	30	5	12.5
Indiana	3	17.5	7.5	5	5.8
Missouri					
TOTAL	7	67.5	30	5	9.6

INDUSTRIAL LOADS ON REA SYSTEMS

#I-17

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	1	17.5	17.5	17.5	17.5
Minnesota	2	10	5	5	5
North Dakota					
South Dakota					
TOTAL	3	27.5	17.5	5	9.2
REGION VI					
Kansas					
Nebraska					
Iowa	4	30	7.5	7.5	7.5
TOTAL	4	30	7.5	7.5	7.5
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California	1	10	10	10	10
TOTAL	1	10	10	10	10
U. S. TOTAL	19	156	30	5	8.2
TVA area (also includ-					
ed above)	1	6	6	6	6

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group I. Farm IndustriesType of Industry 18. Corn Shelling

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama	1	10	10	10	10
Kentucky					
Mississippi					
Tennessee	1	100	100	100	100
TOTAL	2	110	100	10	55
REGION IV					
Illinois					
Indiana	1	5	5	5	5
Missouri					
TOTAL	1	5	5	5	5

UNITED STATES OF AMERICA

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT
WASHINGTON, D. C.

Section	Subsection	Block	Lot	Acres	Remarks
1	1	1	1	1.00	
1	1	1	2	1.00	
1	1	1	3	1.00	
1	1	1	4	1.00	
1	1	1	5	1.00	
1	1	1	6	1.00	
1	1	1	7	1.00	
1	1	1	8	1.00	
1	1	1	9	1.00	
1	1	1	10	1.00	
1	1	1	11	1.00	
1	1	1	12	1.00	
1	1	1	13	1.00	
1	1	1	14	1.00	
1	1	1	15	1.00	
1	1	1	16	1.00	
1	1	1	17	1.00	
1	1	1	18	1.00	
1	1	1	19	1.00	
1	1	1	20	1.00	
1	1	1	21	1.00	
1	1	1	22	1.00	
1	1	1	23	1.00	
1	1	1	24	1.00	
1	1	1	25	1.00	
1	1	1	26	1.00	
1	1	1	27	1.00	
1	1	1	28	1.00	
1	1	1	29	1.00	
1	1	1	30	1.00	
1	1	1	31	1.00	
1	1	1	32	1.00	
1	1	1	33	1.00	
1	1	1	34	1.00	
1	1	1	35	1.00	
1	1	1	36	1.00	
1	1	1	37	1.00	
1	1	1	38	1.00	
1	1	1	39	1.00	
1	1	1	40	1.00	
1	1	1	41	1.00	
1	1	1	42	1.00	
1	1	1	43	1.00	
1	1	1	44	1.00	
1	1	1	45	1.00	
1	1	1	46	1.00	
1	1	1	47	1.00	
1	1	1	48	1.00	
1	1	1	49	1.00	
1	1	1	50	1.00	
1	1	1	51	1.00	
1	1	1	52	1.00	
1	1	1	53	1.00	
1	1	1	54	1.00	
1	1	1	55	1.00	
1	1	1	56	1.00	
1	1	1	57	1.00	
1	1	1	58	1.00	
1	1	1	59	1.00	
1	1	1	60	1.00	
1	1	1	61	1.00	
1	1	1	62	1.00	
1	1	1	63	1.00	
1	1	1	64	1.00	
1	1	1	65	1.00	
1	1	1	66	1.00	
1	1	1	67	1.00	
1	1	1	68	1.00	
1	1	1	69	1.00	
1	1	1	70	1.00	
1	1	1	71	1.00	
1	1	1	72	1.00	
1	1	1	73	1.00	
1	1	1	74	1.00	
1	1	1	75	1.00	
1	1	1	76	1.00	
1	1	1	77	1.00	
1	1	1	78	1.00	
1	1	1	79	1.00	
1	1	1	80	1.00	
1	1	1	81	1.00	
1	1	1	82	1.00	
1	1	1	83	1.00	
1	1	1	84	1.00	
1	1	1	85	1.00	
1	1	1	86	1.00	
1	1	1	87	1.00	
1	1	1	88	1.00	
1	1	1	89	1.00	
1	1	1	90	1.00	
1	1	1	91	1.00	
1	1	1	92	1.00	
1	1	1	93	1.00	
1	1	1	94	1.00	
1	1	1	95	1.00	
1	1	1	96	1.00	
1	1	1	97	1.00	
1	1	1	98	1.00	
1	1	1	99	1.00	
1	1	1	100	1.00	

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. TOTAL	3	115	100	5	57.5
TVA area (also includ- ed above)	1	100	100	100	100

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group II Governmental Services, Utilities and Institutions
Type of Industry 1. Airplane Beacons

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania	1	7.5	7.5	7.5	7.5
Delaware					
Maryland					
Michigan					
Ohio	1				
TOTAL	1	7.5	7.5	7.5	7.5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky	1	5	5	5	5
Mississippi	3	15	5	5	5
Tennessee					
TOTAL	4	20	5	5	5
REGION IV					
Illinois					
Indiana	1	7.5	7.5	7.5	7.5
Missouri	1	7.5	7.5	7.5	7.5
TOTAL	2	15	7.5	7.5	7.5

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota	1	5	5	5	5
North Dakota					
South Dakota					
TOTAL	1	5	5	5	5
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas	4	20	5	5	5
Oklahoma					
TOTAL	4	20	5	5	5
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana	1	15	15	15	15
Wyoming					
Washington	2	10	5	5	5
Oregon					
California					
TOTAL	3	25	15	5	8.3
U.S. TOTAL	15	92.5	15	5	6.2

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group II Governmental Services, Utilities and Institutions
Type of Industry 2. Airplane Fields

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi	1	10	10	10	10
Tennessee					
TOTAL	1	10	10	10	10
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	1	5	5	5	5
Minnesota	1	5	5	5	5
North Dakota					
South Dakota					
TOTAL	2	10	5	5	5
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming	2	20	15	5	10
Washington					
Oregon					
California					
TOTAL	2	20	15	5	10
U.S. TOTAL	5	40	15	5	8

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group II Governmental Services, Utilities & Institutions
Type of Industry 3. C.C.C. Camps

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania	5	57.5	7.5	7.5	7.5
Delaware					
Maryland					
Michigan	4	37.5	10	7.5	9.4
Ohio	1	5	5	5	5
TOTAL	10	80	10	5	8
REGION II					
West Virginia					
Virginia	2	15	10	5	7.5
North Carolina	1	15	15	15	15
South Carolina	4	30	10	5	7.5
Georgia	3	30	10	10	10
Florida					
TOTAL	10	90	15	5	9
REGION III					
Alabama	3	32.5	15	7.5	10.8
Kentucky					
Mississippi	4	45	15	10	11.3
Tennessee					
TOTAL	7	77.5	15	7.5	11.1
REGION IV					
Illinois	1	15	15	15	15
Indiana	2	15	7.5	7.5	7.5
Missouri	2	15	10	5	7.5
TOTAL	5	45	15	5	9

INDUSTRIAL LOADS ON REA SYSTEMS

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Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	4	35	15	5	8.8
Minnesota	1	10	10	10	10
North Dakota					
South Dakota					
TOTAL	5	45	15	5	9
REGION VI					
Kansas					
Nebraska	3	50	25	10	16.7
Iowa	1	10	10	10	10
TOTAL	4	60	25	10	15
REGION VII					
Arkansas	2	30	20	10	15
Louisiana	1	7.5	7.5	7.5	7.5
Texas	2	17.5	10	7.5	8.8
Oklahoma					
TOTAL	5	55	20	7.5	11
REGION VIII					
Arizona					
Nevada					
New Mexico	2	30	15	15	15
Idaho	2	15	10	5	7.5
Colorado					
Utah	1	10	10	10	10
Montana	3	15	5	5	5
Wyoming					
Washington	1	7.5	7.5	7.5	7.5
Oregon	1	10	10	10	10
California					
TOTAL	10	87.5	15	5	8.8
U.S. TOTAL	56	540	25	5	9.3
TVA AREA (also included above)	1	10	10	10	10

DATE	DESCRIPTION	AMOUNT	DEBIT	CREDIT	BALANCE
1901					
1902					
1903					
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1999					
2000					

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group II Governmental Services, Utilities & Institutions
Type of Industry 4. National Park Service

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama	1	5	5	5	5
Kentucky					
Mississippi					
Tennessee					
TOTAL	1	5	5	5	5
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

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Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	1	15	15	15	15
Minnesota					
North Dakota					
South Dakota					
TOTAL	1	15	15	15	15
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho	1	5	5	5	5
Colorado					
Utah	1	10	10	10	10
Montana	2	82.5	7.5	7.5	41.3
Wyoming					
Washington					
Oregon					
California					
TOTAL	4	97.5	10	5	24.4
U.S. TOTAL	6	117.5	75	5	19.6

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Year	Month	Day	Time	Place	Subject
					1. 1900
					2. 1901
					3. 1902
					4. 1903
					5. 1904
					6. 1905
					7. 1906
					8. 1907
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					320. 2219
					321. 2220
					322. 2221
					323. 2222
					324. 2223
					325. 2224

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group II Governmental Services, Utilities & Institutions
Type of Industry 5. Radio Range Stations

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	1	15	15	15	15
Florida					
TOTAL	1	15	15	15	15
REGION III					
Alabama					
Kentucky	1	15	15	15	15
Mississippi					
Tennessee					
TOTAL	1	15	15	15	15
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	1	7.5	7.5	7.5	7.5
Minnesota					
North Dakota					
South Dakota					
TOTAL	1	7.5	7.5	7.5	7.5
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas	2	12.5	7.5	5	6.3
Oklahoma					
TOTAL	2	12.5	7.5	5	6.3
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. TOTAL	5	50	15	5	10

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 595 REA Systems, as of January, 1940General Classification Group II Governmental Services, Utilities & Institutions
Type of Industry 6. U.S. Dams and Buildings

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina	1	100	100	100	100
Georgia					
Florida					
TOTAL	1	100	100	100	100
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	2	50	25	25	25
TOTAL	2	50	25	25	25
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

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Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma	2	20	10	10	10
TOTAL	2	20	10	10	10
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. TOTAL	5	170	100	10	34
TVA AREA (also included above)	2	50	25	25	25

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group II Government Services, Utilities and Institutions
Type of Industry U. S. Army and Navy

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	1	450	450	450	450
Florida					
TOTAL	1	450	450	450	450
REGION III					
Alabama	1	10	10	10	10
Kentucky					
Mississippi					
Tennessee					
TOTAL	1	10	10	10	10
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

UNITED STATES DEPARTMENT OF AGRICULTURE

BUREAU OF PLANT INDUSTRY, WASHINGTON, D. C.

PLANT INDUSTRY REPORT NO. 11. THE PLANT INDUSTRY OF THE UNITED STATES, 1907.

PLANT	UNITED STATES	ALABAMA	ARIZONA	CALIFORNIA	FLORIDA	GEORGIA
1. Cotton	1,000,000	100,000	10,000	10,000	10,000	10,000
2. Sugar	1,000,000	100,000	10,000	10,000	10,000	10,000
3. Tobacco	1,000,000	100,000	10,000	10,000	10,000	10,000
4. Rice	1,000,000	100,000	10,000	10,000	10,000	10,000
5. Wheat	1,000,000	100,000	10,000	10,000	10,000	10,000
6. Corn	1,000,000	100,000	10,000	10,000	10,000	10,000
7. Soybeans	1,000,000	100,000	10,000	10,000	10,000	10,000
8. Peas	1,000,000	100,000	10,000	10,000	10,000	10,000
9. Beans	1,000,000	100,000	10,000	10,000	10,000	10,000
10. Lentils	1,000,000	100,000	10,000	10,000	10,000	10,000
11. Chickpeas	1,000,000	100,000	10,000	10,000	10,000	10,000
12. Mung Beans	1,000,000	100,000	10,000	10,000	10,000	10,000
13. Pigeon Peas	1,000,000	100,000	10,000	10,000	10,000	10,000
14. Cowpeas	1,000,000	100,000	10,000	10,000	10,000	10,000
15. Black Gram	1,000,000	100,000	10,000	10,000	10,000	10,000
16. Green Gram	1,000,000	100,000	10,000	10,000	10,000	10,000
17. Horse Gram	1,000,000	100,000	10,000	10,000	10,000	10,000
18. Bitter Melon	1,000,000	100,000	10,000	10,000	10,000	10,000
19. Okra	1,000,000	100,000	10,000	10,000	10,000	10,000
20. Eggplant	1,000,000	100,000	10,000	10,000	10,000	10,000
21. Tomato	1,000,000	100,000	10,000	10,000	10,000	10,000
22. Cucumber	1,000,000	100,000	10,000	10,000	10,000	10,000
23. Melon	1,000,000	100,000	10,000	10,000	10,000	10,000
24. Watermelon	1,000,000	100,000	10,000	10,000	10,000	10,000
25. Pumpkin	1,000,000	100,000	10,000	10,000	10,000	10,000
26. Squash	1,000,000	100,000	10,000	10,000	10,000	10,000
27. Zucchini	1,000,000	100,000	10,000	10,000	10,000	10,000
28. Eggplant	1,000,000	100,000	10,000	10,000	10,000	10,000
29. Tomato	1,000,000	100,000	10,000	10,000	10,000	10,000
30. Cucumber	1,000,000	100,000	10,000	10,000	10,000	10,000
31. Melon	1,000,000	100,000	10,000	10,000	10,000	10,000
32. Watermelon	1,000,000	100,000	10,000	10,000	10,000	10,000
33. Pumpkin	1,000,000	100,000	10,000	10,000	10,000	10,000
34. Squash	1,000,000	100,000	10,000	10,000	10,000	10,000
35. Zucchini	1,000,000	100,000	10,000	10,000	10,000	10,000
36. Eggplant	1,000,000	100,000	10,000	10,000	10,000	10,000
37. Tomato	1,000,000	100,000	10,000	10,000	10,000	10,000
38. Cucumber	1,000,000	100,000	10,000	10,000	10,000	10,000
39. Melon	1,000,000	100,000	10,000	10,000	10,000	10,000
40. Watermelon	1,000,000	100,000	10,000	10,000	10,000	10,000
41. Pumpkin	1,000,000	100,000	10,000	10,000	10,000	10,000
42. Squash	1,000,000	100,000	10,000	10,000	10,000	10,000
43. Zucchini	1,000,000	100,000	10,000	10,000	10,000	10,000
44. Eggplant	1,000,000	100,000	10,000	10,000	10,000	10,000
45. Tomato	1,000,000	100,000	10,000	10,000	10,000	10,000
46. Cucumber	1,000,000	100,000	10,000	10,000	10,000	10,000
47. Melon	1,000,000	100,000	10,000	10,000	10,000	10,000
48. Watermelon	1,000,000	100,000	10,000	10,000	10,000	10,000
49. Pumpkin	1,000,000	100,000	10,000	10,000	10,000	10,000
50. Squash	1,000,000	100,000	10,000	10,000	10,000	10,000
51. Zucchini	1,000,000	100,000	10,000	10,000	10,000	10,000
52. Eggplant	1,000,000	100,000	10,000	10,000	10,000	10,000
53. Tomato	1,000,000	100,000	10,000	10,000	10,000	10,000
54. Cucumber	1,000,000	100,000	10,000	10,000	10,000	10,000
55. Melon	1,000,000	100,000	10,000	10,000	10,000	10,000
56. Watermelon	1,000,000	100,000	10,000	10,000	10,000	10,000
57. Pumpkin	1,000,000	100,000	10,000	10,000	10,000	10,000
58. Squash	1,000,000	100,000	10,000	10,000	10,000	10,000
59. Zucchini	1,000,000	100,000	10,000	10,000	10,000	10,000
60. Eggplant	1,000,000	100,000	10,000	10,000	10,000	10,000
61. Tomato	1,000,000	100,000	10,000	10,000	10,000	10,000
62. Cucumber	1,000,000	100,000	10,000	10,000	10,000	10,000
63. Melon	1,000,000	100,000	10,000	10,000	10,000	10,000
64. Watermelon	1,000,000	100,000	10,000	10,000	10,000	10,000
65. Pumpkin	1,000,000	100,000	10,000	10,000	10,000	10,000
66. Squash	1,000,000	100,000	10,000	10,000	10,000	10,000
67. Zucchini	1,000,000	100,000	10,000	10,000	10,000	10,000
68. Eggplant	1,000,000	100,000	10,000	10,000	10,000	10,000
69. Tomato	1,000,000	100,000	10,000	10,000	10,000	10,000
70. Cucumber	1,000,000	100,000	10,000	10,000	10,000	10,000
71. Melon	1,000,000	100,000	10,000	10,000	10,000	10,000
72. Watermelon	1,000,000	100,000	10,000	10,000	10,000	10,000
73. Pumpkin	1,000,000	100,000	10,000	10,000	10,000	10,000
74. Squash	1,000,000	100,000	10,000	10,000	10,000	10,000
75. Zucchini	1,000,000	100,000	10,000	10,000	10,000	10,000
76. Eggplant	1,000,000	100,000	10,000	10,000	10,000	10,000
77. Tomato	1,000,000	100,000	10,000	10,000	10,000	10,000
78. Cucumber	1,000,000	100,000	10,000	10,000	10,000	10,000
79. Melon	1,000,000	100,000	10,000	10,000	10,000	10,000
80. Watermelon	1,000,000	100,000	10,000	10,000	10,000	10,000
81. Pumpkin	1,000,000	100,000	10,000	10,000	10,000	10,000
82. Squash	1,000,000	100,000	10,000	10,000	10,000	10,000
83. Zucchini	1,000,000	100,000	10,000	10,000	10,000	10,000
84. Eggplant	1,000,000	100,000	10,000	10,000	10,000	10,000
85. Tomato	1,000,000	100,000	10,000	10,000	10,000	10,000
86. Cucumber	1,000,000	100,000	10,000	10,000	10,000	10,000
87. Melon	1,000,000	100,000	10,000	10,000	10,000	10,000
88. Watermelon	1,000,000	100,000	10,000	10,000	10,000	10,000
89. Pumpkin	1,000,000	100,000	10,000	10,000	10,000	10,000
90. Squash	1,000,000	100,000	10,000	10,000	10,000	10,000
91. Zucchini	1,000,000	100,000	10,000	10,000	10,000	10,000
92. Eggplant	1,000,000	100,000	10,000	10,000	10,000	10,000
93. Tomato	1,000,000	100,000	10,000	10,000	10,000	10,000
94. Cucumber	1,000,000	100,000	10,000	10,000	10,000	10,000
95. Melon	1,000,000	100,000	10,000	10,000	10,000	10,000
96. Watermelon	1,000,000	100,000	10,000	10,000	10,000	10,000
97. Pumpkin	1,000,000	100,000	10,000	10,000	10,000	10,000
98. Squash	1,000,000	100,000	10,000	10,000	10,000	10,000
99. Zucchini	1,000,000	100,000	10,000	10,000	10,000	10,000
100. Eggplant	1,000,000	100,000	10,000	10,000	10,000	10,000

INDUSTRIAL LOADS ON REA SYSTEMS

II
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Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado	1	30	30	30	30
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL	1	30	30	30	30
U. S. Total	3	490	450	10	163.3
TVA area (also included above)	1	450	450	450	450

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group II Governmental Services, Utilities & Institutions
Type of Industry 8. Lighthouses

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

GENERAL ACCOUNT

DATE: _____

DATE	DESCRIPTION	DEBIT	CREDIT	BALANCE
1900				
Jan 1	Balance			
Jan 2	...			
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INDUSTRIAL LOADS ON REA SYSTEMS

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Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota	1	35	35	35	35
North Dakota					
South Dakota					
TOTAL	1	35	35	35	35
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. TOTAL	1	35	35	35	35

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group II. Governmental Services, Utilities & Institutions
Type of Industry 9. Soil Conservation Service

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio	2	25	15	10	12.5
TOTAL	2	25	15	10	12.5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky	2	15	10	5	7.5
Mississippi					
Tennessee					
TOTAL	2	15	10	5	7.5
REGION IV					
Illinois					
Indiana					
Missouri	1	7.5	7.5	7.5	7.5
TOTAL	1	7.5	7.5	7.5	7.5

INDUSTRIAL LOADS ON REA SYSTEMS

#II-9

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas	1	25	25	25	25
Oklahoma					
TOTAL	1	25	25	25	25
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. TOTAL	6	72.5	25	5	12.1

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group II Governmental Services, Utilities & Institutions
Type of Industry 10. State Parks

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania	1	7.5	7.5	7.5	7.5
Delaware					
Maryland					
Michigan	2	25	20	5	12.5
Ohio	1	150	150	150	150
TOTAL	4	182.5	150	5	45.6
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina	1	57.5	57.5	57.5	57.5
Georgia					
Florida					
TOTAL	1	57.5	57.5	57.5	57.5
REGION III					
Alabama					
Kentucky					
Mississippi	3	62.5	27.5	10	20.8
Tennessee	1	25	25	25	25
TOTAL	4	87.5	27.5	10	21.8
REGION IV					
Illinois					
Indiana					
Missouri	1	7.5	7.5	7.5	7.5
TOTAL	1	7.5	7.5	7.5	7.5

RECORD OF THE BOARD OF DIRECTORS

For the year ending 1900

Resolutions and other matters considered and acted upon by the Board of Directors

Date	Place	Subject	Action	Remarks
April 1	New York	Resolution of the Board of Directors	Adopted	1. To increase the capital of the company to \$1,000,000.
				2. To authorize the Board of Directors to issue bonds in the amount of \$500,000.
				3. To authorize the Board of Directors to issue shares of common stock in the amount of \$500,000.
				4. To authorize the Board of Directors to issue shares of preferred stock in the amount of \$500,000.
				5. To authorize the Board of Directors to issue shares of debenture bonds in the amount of \$500,000.
				6. To authorize the Board of Directors to issue shares of convertible bonds in the amount of \$500,000.
				7. To authorize the Board of Directors to issue shares of participating preferred stock in the amount of \$500,000.
				8. To authorize the Board of Directors to issue shares of non-voting preferred stock in the amount of \$500,000.
				9. To authorize the Board of Directors to issue shares of convertible preferred stock in the amount of \$500,000.
				10. To authorize the Board of Directors to issue shares of participating convertible preferred stock in the amount of \$500,000.
				11. To authorize the Board of Directors to issue shares of non-voting convertible preferred stock in the amount of \$500,000.
				12. To authorize the Board of Directors to issue shares of participating convertible non-voting preferred stock in the amount of \$500,000.
				13. To authorize the Board of Directors to issue shares of non-voting participating convertible preferred stock in the amount of \$500,000.
				14. To authorize the Board of Directors to issue shares of participating convertible non-voting preferred stock in the amount of \$500,000.
				15. To authorize the Board of Directors to issue shares of non-voting participating convertible preferred stock in the amount of \$500,000.
				16. To authorize the Board of Directors to issue shares of participating convertible non-voting preferred stock in the amount of \$500,000.
				17. To authorize the Board of Directors to issue shares of non-voting participating convertible preferred stock in the amount of \$500,000.
				18. To authorize the Board of Directors to issue shares of participating convertible non-voting preferred stock in the amount of \$500,000.
				19. To authorize the Board of Directors to issue shares of non-voting participating convertible preferred stock in the amount of \$500,000.
				20. To authorize the Board of Directors to issue shares of participating convertible non-voting preferred stock in the amount of \$500,000.

INDUSTRIAL LOADS ON REA SYSTEMS

II
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Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota	1	5	5	5	5
North Dakota					
South Dakota					
TOTAL	1	5	5	5	5
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas	2	10	5	5	5
Oklahoma					
TOTAL	2	10	5	5	5
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. Total	13	350	150	5	27
TVA area (also included above)	2	50	25	25	25

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group II Governmental Services, Utilities & Institutions
Type of Industry 11. Prisons & Prison Farms

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	1	7.5	7.5	7.5	7.5
Florida					
TOTAL	1	7.5	7.5	7.5	7.5
REGION III					
Alabama	3	25	10	7.5	8.3
Kentucky					
Mississippi					
Tennessee	1	300	300	300	300
TOTAL	4	325	300	7.5	81.2
REGION IV					
Illinois					
Indiana					
Missouri	1	10	10	10	10
TOTAL	1	10	10	10	10

RESEARCH REPORT ON THE EFFECTS OF

Date: _____

Author: _____

Experiment No.	Time	Temperature (°C)	Pressure (kPa)	Volume (L)	Mass (g)	Density (g/L)
1	10:00	25.0	101.3	1.00	1.00	1.00
2	10:15	25.5	101.5	1.01	1.01	1.01
3	10:30	26.0	101.7	1.02	1.02	1.02
4	10:45	26.5	101.9	1.03	1.03	1.03
5	11:00	27.0	102.1	1.04	1.04	1.04
6	11:15	27.5	102.3	1.05	1.05	1.05
7	11:30	28.0	102.5	1.06	1.06	1.06
8	11:45	28.5	102.7	1.07	1.07	1.07
9	12:00	29.0	102.9	1.08	1.08	1.08
10	12:15	29.5	103.1	1.09	1.09	1.09
11	12:30	30.0	103.3	1.10	1.10	1.10
12	12:45	30.5	103.5	1.11	1.11	1.11
13	13:00	31.0	103.7	1.12	1.12	1.12
14	13:15	31.5	103.9	1.13	1.13	1.13
15	13:30	32.0	104.1	1.14	1.14	1.14
16	13:45	32.5	104.3	1.15	1.15	1.15
17	14:00	33.0	104.5	1.16	1.16	1.16
18	14:15	33.5	104.7	1.17	1.17	1.17
19	14:30	34.0	104.9	1.18	1.18	1.18
20	14:45	34.5	105.1	1.19	1.19	1.19
21	15:00	35.0	105.3	1.20	1.20	1.20
22	15:15	35.5	105.5	1.21	1.21	1.21
23	15:30	36.0	105.7	1.22	1.22	1.22
24	15:45	36.5	105.9	1.23	1.23	1.23
25	16:00	37.0	106.1	1.24	1.24	1.24
26	16:15	37.5	106.3	1.25	1.25	1.25
27	16:30	38.0	106.5	1.26	1.26	1.26
28	16:45	38.5	106.7	1.27	1.27	1.27
29	17:00	39.0	106.9	1.28	1.28	1.28
30	17:15	39.5	107.1	1.29	1.29	1.29
31	17:30	40.0	107.3	1.30	1.30	1.30
32	17:45	40.5	107.5	1.31	1.31	1.31
33	18:00	41.0	107.7	1.32	1.32	1.32
34	18:15	41.5	107.9	1.33	1.33	1.33
35	18:30	42.0	108.1	1.34	1.34	1.34
36	18:45	42.5	108.3	1.35	1.35	1.35
37	19:00	43.0	108.5	1.36	1.36	1.36
38	19:15	43.5	108.7	1.37	1.37	1.37
39	19:30	44.0	108.9	1.38	1.38	1.38
40	19:45	44.5	109.1	1.39	1.39	1.39
41	20:00	45.0	109.3	1.40	1.40	1.40
42	20:15	45.5	109.5	1.41	1.41	1.41
43	20:30	46.0	109.7	1.42	1.42	1.42
44	20:45	46.5	109.9	1.43	1.43	1.43
45	21:00	47.0	110.1	1.44	1.44	1.44
46	21:15	47.5	110.3	1.45	1.45	1.45
47	21:30	48.0	110.5	1.46	1.46	1.46
48	21:45	48.5	110.7	1.47	1.47	1.47
49	22:00	49.0	110.9	1.48	1.48	1.48
50	22:15	49.5	111.1	1.49	1.49	1.49
51	22:30	50.0	111.3	1.50	1.50	1.50
52	22:45	50.5	111.5	1.51	1.51	1.51
53	23:00	51.0	111.7	1.52	1.52	1.52
54	23:15	51.5	111.9	1.53	1.53	1.53
55	23:30	52.0	112.1	1.54	1.54	1.54
56	23:45	52.5	112.3	1.55	1.55	1.55
57	24:00	53.0	112.5	1.56	1.56	1.56
58	24:15	53.5	112.7	1.57	1.57	1.57
59	24:30	54.0	112.9	1.58	1.58	1.58
60	24:45	54.5	113.1	1.59	1.59	1.59
61	25:00	55.0	113.3	1.60	1.60	1.60
62	25:15	55.5	113.5	1.61	1.61	1.61
63	25:30	56.0	113.7	1.62	1.62	1.62
64	25:45	56.5	113.9	1.63	1.63	1.63
65	26:00	57.0	114.1	1.64	1.64	1.64
66	26:15	57.5	114.3	1.65	1.65	1.65
67	26:30	58.0	114.5	1.66	1.66	1.66
68	26:45	58.5	114.7	1.67	1.67	1.67
69	27:00	59.0	114.9	1.68	1.68	1.68
70	27:15	59.5	115.1	1.69	1.69	1.69
71	27:30	60.0	115.3	1.70	1.70	1.70
72	27:45	60.5	115.5	1.71	1.71	1.71
73	28:00	61.0	115.7	1.72	1.72	1.72
74	28:15	61.5	115.9	1.73	1.73	1.73
75	28:30	62.0	116.1	1.74	1.74	1.74
76	28:45	62.5	116.3	1.75	1.75	1.75
77	29:00	63.0	116.5	1.76	1.76	1.76
78	29:15	63.5	116.7	1.77	1.77	1.77
79	29:30	64.0	116.9	1.78	1.78	1.78
80	29:45	64.5	117.1	1.79	1.79	1.79
81	30:00	65.0	117.3	1.80	1.80	1.80
82	30:15	65.5	117.5	1.81	1.81	1.81
83	30:30	66.0	117.7	1.82	1.82	1.82
84	30:45	66.5	117.9	1.83	1.83	1.83
85	31:00	67.0	118.1	1.84	1.84	1.84
86	31:15	67.5	118.3	1.85	1.85	1.85
87	31:30	68.0	118.5	1.86	1.86	1.86
88	31:45	68.5	118.7	1.87	1.87	1.87
89	32:00	69.0	118.9	1.88	1.88	1.88
90	32:15	69.5	119.1	1.89	1.89	1.89
91	32:30	70.0	119.3	1.90	1.90	1.90
92	32:45	70.5	119.5	1.91	1.91	1.91
93	33:00	71.0	119.7	1.92	1.92	1.92
94	33:15	71.5	119.9	1.93	1.93	1.93
95	33:30	72.0	120.1	1.94	1.94	1.94
96	33:45	72.5	120.3	1.95	1.95	1.95
97	34:00	73.0	120.5	1.96	1.96	1.96
98	34:15	73.5	120.7	1.97	1.97	1.97
99	34:30	74.0	120.9	1.98	1.98	1.98
100	34:45	74.5	121.1	1.99	1.99	1.99

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. TOTAL	6	342.5	300	7.5	52.1
TVA AREA (also included above)	1	300	300	300	300

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group II. Governmental Services, Utilities & Institutions
Type of Industry 12. County Farms

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan	1	5	5	5	5
Ohio					
TOTAL	1	5	5	5	5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					
U. S. TOTAL	1	5	5	5	5

GENERAL INSTRUCTIONS TO THE OFFICERS

OF THE REGIMENT OF THE ARMY OF THE UNITED STATES

OF THE REGIMENT OF THE ARMY OF THE UNITED STATES

OFFICER	NAME	REGIMENT	COMPANY	GRADE	DATE
1					
2					
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INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group II. Governmental Services, Utilities & Institutions
Type of Industry 13. Schools

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan	2	47.5	37.5	10	23.8
Ohio	12	189	50	5	15.8
TOTAL	14	236.5	50	5	18.8
REGION II					
West Virginia					
Virginia	4	25	7.5	5	6.3
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL	4	25	7.5	5	6.3
REGION III					
Alabama	4	40	15	5	10
Kentucky	5	30	7.5	5	6
Mississippi	5	725	600	10	145
Tennessee	4	95	30	15	23.8
TOTAL	18	890	600	5	49.5
REGION IV					
Illinois					
Indiana	3	27.5	15	5	9.2
Missouri	2	18	10	8	9
TOTAL	5	45.5	15	5	9.1

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	1	8	8	8	8
Minnesota	3	35	25	5	11.7
North Dakota					
South Dakota					
TOTAL	4	43	25	5	10.7
REGION VI					
Kansas					
Nebraska					
Iowa	5	30	7.5	5	6
TOTAL	5	30	7.5	5	6
REGION VII					
Arkansas	2	10	5	5	5
Louisiana	2	12.5	7.5	5	6.3
Texas	5	30	7.5	5	6
Oklahoma	8	50	10	5	6.3
TOTAL	17	102.5	10	5	6
REGION VIII					
Arizona					
Nevada	4	171.5	72.5	25	42.9
New Mexico	2	10	5	5	5
Idaho	3	45	25	5	15
Colorado					
Utah					
Montana	2	15	7.5	7.5	7.5
Wyoming	4	35	15	5	8.7
Washington					
Oregon	1	7.5	7.5	7.5	7.5
California					
TOTAL	16	284	72.5	5	17.7
U. S. TOTAL	83	1,656.5	600	5	19.9
TVA area (also includ- ed above)	9	760	600	5	84.5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group II Governmental Services, Utilities & Institutions
Type of Industry 14. Municipal (General)

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio	1	21.5	21.5	21.5	21.5
TOTAL	1	21.5	21.5	21.5	21.5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	2	25	15	10	12.5
Florida					
TOTAL	2	25	15	10	12.5
REGION III					
Alabama					
Kentucky					
Mississippi	1	10	10	10	10
Tennessee	1	5	5	5	5
TOTAL	2	15	10	5	7.5
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

II

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Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska	1	15	15	15	15
Iowa					
TOTAL	1	15	15	15	15
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. Total	6	76.5	21.5	5	12.8
TVA area (also included above)	1	5	5	5	5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group II ~~Governmental Services, Utilities & Institutions~~
Type of Industry 15. ~~Municipal (Water Supply)~~

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania	1	5	5	5	5
Delaware					
Maryland	2	10	5	5	5
Michigan					
Ohio					
TOTAL	3	15	5	5	5
REGION II					
West Virginia					
Virginia					
North Carolina	1	45	45	45	45
South Carolina					
Georgia					
Florida					
TOTAL	1	45	45	45	45
REGION III					
Alabama					
Kentucky	1	5	5	5	5
Mississippi	4	115	55	10	28.5
Tennessee	30	606	47.5	7.5	20.2
TOTAL	35	726	55	5	20.7
REGION IV					
Illinois					
Indiana					
Missouri	1	15	15	15	15
TOTAL	1	15	15	15	15

INDUSTRIAL LOADS ON REA SYSTEMS

II
15

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas	3	22.5	12.5	5	7.5
Oklahoma	1	25	25	25	25
TOTAL	4	47.5	25	5	11.9
REGION VIII					
Arizona					
Nevada	1	15	15	15	15
New Mexico					
Idaho	2	27.5	22.5	5	13.8
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL	3	42.5	22.5	5	14.2
U. S. Total	47	891	55	5	19
TVA area (also included above	30	606	47.5	7.5	20.2

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group II Governmental Services, Utilities & Institutions
Type of Industry 16. Sewage Disposal

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	1	7.5	7.5	7.5	7.5
TOTAL	1	7.5	7.5	7.5	7.5
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

II-16

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas	1	10	10	10	10
Louisiana					
Texas	1	5	5	5	5
Oklahoma					
TOTAL	2	15	10	5	7.5
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. TOTAL	3	22.5	10	5	7.5
TVA AREA (also included above)	1	7.5	7.5	7.5	7.5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group I I. Governmental Services, Utilities & Institutions
Type of Industry 17. Street Lighting

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont	1	5	5	5	5
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan	1	7.5	7.5	7.5	7.5
Ohio					
TOTAL	2	12.5	7.5	5	6.3
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky	1	5	5	5	5
Mississippi					
Tennessee	5	40	10	5	8
TOTAL	6	45	10	5	7.5
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. Total	8	57.5	10	5	7.2
TVA area (also includ- ed above)	5	40	10	5	8

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group II. Governmental Services, Utilities & Institutions
Type of Industry 18. Community Centers

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	1	112.5	112.5	112.5	112.5
TOTAL	1	112.5	112.5	112.5	112.5
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska	1	10	10	10	10
Iowa					
TOTAL	1	10	10	10	10
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana	1	7.5	7.5	7.5	7.5
Wyoming					
Washington					
Oregon					
California					
TOTAL	1	7.5	7.5	7.5	7.5
U. S. TOTAL	3	130	112.5	7.5	43.3
TVA area (also includ- ed above)	1	112.5	112.5	112.5	112.5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group II. Governmental Services, Utilities & Institutions
Type of Industry 19. Wholesale Light and Power

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

STATE OF NEW YORK

OFFICE OF THE COMPTROLLER OF THE STATE

REPORT OF THE COMPTROLLER OF THE STATE
FOR THE YEAR ENDING DECEMBER 31, 1907

REVENUE	EXPENDITURE	BALANCE	TOTAL	PERCENT	REMARKS
					1. REVENUE
					2. EXPENDITURE
					3. BALANCE
					4. TOTAL
					5. PERCENT
					6. REMARKS
					7. REVENUE
					8. EXPENDITURE
					9. BALANCE
					10. TOTAL
					11. PERCENT
					12. REMARKS
					13. REVENUE
					14. EXPENDITURE
					15. BALANCE
					16. TOTAL
					17. PERCENT
					18. REMARKS
					19. REVENUE
					20. EXPENDITURE
					21. BALANCE
					22. TOTAL
					23. PERCENT
					24. REMARKS
					25. REVENUE
					26. EXPENDITURE
					27. BALANCE
					28. TOTAL
					29. PERCENT
					30. REMARKS
					31. REVENUE
					32. EXPENDITURE
					33. BALANCE
					34. TOTAL
					35. PERCENT
					36. REMARKS
					37. REVENUE
					38. EXPENDITURE
					39. BALANCE
					40. TOTAL
					41. PERCENT
					42. REMARKS
					43. REVENUE
					44. EXPENDITURE
					45. BALANCE
					46. TOTAL
					47. PERCENT
					48. REMARKS
					49. REVENUE
					50. EXPENDITURE
					51. BALANCE
					52. TOTAL
					53. PERCENT
					54. REMARKS
					55. REVENUE
					56. EXPENDITURE
					57. BALANCE
					58. TOTAL
					59. PERCENT
					60. REMARKS
					61. REVENUE
					62. EXPENDITURE
					63. BALANCE
					64. TOTAL
					65. PERCENT
					66. REMARKS
					67. REVENUE
					68. EXPENDITURE
					69. BALANCE
					70. TOTAL
					71. PERCENT
					72. REMARKS
					73. REVENUE
					74. EXPENDITURE
					75. BALANCE
					76. TOTAL
					77. PERCENT
					78. REMARKS
					79. REVENUE
					80. EXPENDITURE
					81. BALANCE
					82. TOTAL
					83. PERCENT
					84. REMARKS
					85. REVENUE
					86. EXPENDITURE
					87. BALANCE
					88. TOTAL
					89. PERCENT
					90. REMARKS
					91. REVENUE
					92. EXPENDITURE
					93. BALANCE
					94. TOTAL
					95. PERCENT
					96. REMARKS
					97. REVENUE
					98. EXPENDITURE
					99. BALANCE
					100. TOTAL

INDUSTRIAL LOADS ON REA SYSTEMS

#II-19.

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota	1	12.5	12.5	12.5	12.5
North Dakota					
South Dakota					
TOTAL	1	12.5	12.5	12.5	12.5
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma	1	15	15	15	15
TOTAL	1	15	15	15	15
REGION VIII					
Arizona					
Nevada					
New Mexico	2	107.5	85	22.5	53.8
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL	2	107.5	85	22.5	53.8
U. S. TOTAL	4	135	85	12.5	33.8

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group II Governmental Services, Utilities & Institutions
Type of Industry 20 Public Utilities (Miscellaneous)

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania	2	15	7.5	7.5	7.5
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL	2	15	7.5	7.5	7.5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

GENERAL STATE OF THE UNION

Presented to the Senate and House of Representatives at the Session of 1877

COMMISSIONER OF THE GENERAL LAND OFFICE

STATE	Section IV	Section III	Section II	Section I
ALABAMA				
ALASKA				
ARIZONA				
ARKANSAS				
CALIFORNIA				
COLORADO				
CONNECTICUT				
DELAWARE				
FLORIDA				
GEORGIA				
IDAHO				
ILLINOIS				
INDIANA				
IOWA				
KANSAS				
KENTUCKY				
Louisiana				
MAINE				
MARYLAND				
MASSACHUSETTS				
MICHIGAN				
MINNESOTA				
MISSISSIPPI				
MISSOURI				
MONTANA				
NEBRASKA				
NEVADA				
NEW HAMPSHIRE				
NEW JERSEY				
NEW YORK				
NORTH CAROLINA				
NORTH DAKOTA				
OHIO				
OKLAHOMA				
OREGON				
PENNSYLVANIA				
RHODE ISLAND				
SOUTH CAROLINA				
SOUTH DAKOTA				
TENNESSEE				
TEXAS				
UTAH				
Vermont				
VIRGINIA				
WASHINGTON				
WEST VIRGINIA				
WISCONSIN				
WYOMING				

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas	1	25	25	25	25
Louisiana					
Texas					
Oklahoma					
TOTAL	1	25	25	25	25
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho	1	25	25	25	25
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL	1	25	25	25	25
U. S. Total	4	65	25	7.5	16.3

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group II Governmental Services, Utilities & Institutions
Type of Industry 21. Railroad Stations

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	1	5	5	5	5
Florida					
TOTAL	1	5	5	5	5
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	1	15	15	15	15
TOTAL	1	15	15	15	15
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

Estimated by _____, Date _____, 1940

General Classification Group _____, Type of Inventory _____

Item	Number of Packages	Number of Units	Number of Cases	Number of Pallets	Number of Containers
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
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86					
87					
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89					
90					
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92					
93					
94					
95					
96					
97					
98					
99					
100					

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	1	5	5	5	5
Minnesota					
North Dakota					
South Dakota					
TOTAL	1	5	5	5	5
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho	1	7.5	7.5	7.5	7.5
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL	1	7.5	7.5	7.5	7.5
U.S. TOTAL	4	32.5	15	5	8.1
TVA AREA (also included above)	1	15	15	15	15

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group II Governmental Services, Utilities & Institutions
Type of Industry 22. Railroad Round Houses

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia	1	75	75	75	75
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL	1	75	75	75	75
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					
U.S. TOTAL	1	75	75	75	75

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group II. Governmental Services, Utilities & Institutions
Type of Industry 23. Railroad Pumps

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia	1	30	30	30	30
North Carolina					
South Carolina					
Georgia	1	5	5	5	5
Florida					
TOTAL	2	35	30	5	17.5
REGION III					
Alabama					
Kentucky					
Mississippi	4	115	75	5	28.8
Tennessee	1	30	30	30	30
TOTAL	5	145	75	5	29.4
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico	1	45	45	45	45
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL	1	45	45	45	45
U. S. TOTAL	8	225	75	5	28.1
TVA area (also includ-					
ed above	1	30	30	30	30

INDUSTRIAL LOADS ON REA SYSTEMS

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Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana	1	15	15	15	15
Wyoming					
Washington					
Oregon					
California					
TOTAL	1	15	15	15	15
U.S. TOTAL	4	135	75	15	33.8
TVA AREA (also included above)	1	30	30	30	30

INDUSTRIAL LOADS ON REA SYSTEMS

II-24

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana	1	15	15	15	15
Wyoming					
Washington					
Oregon					
California					
TOTAL	1	15	15	15	15
U.S. TOTAL	4	135	75	15	33.8
TVA AREA (also included above)	1	30	30	30	30

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group II. Governmental Services, Utilities & Institutions
Type of Industry 25. Gymnasiums

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	1	15	15	15	15
TOTAL	1	15	15	15	15
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

Investigative Data on the System
Type of System: []

System	Number of Components	Control Unit	Input Unit	Output Unit	Power Unit
System 1					
System 2					
System 3					
System 4					
System 5					
System 6					
System 7					
System 8					
System 9					
System 10					
System 11					
System 12					
System 13					
System 14					
System 15					
System 16					
System 17					
System 18					
System 19					
System 20					
System 21					
System 22					
System 23					
System 24					
System 25					
System 26					
System 27					
System 28					
System 29					
System 30					
System 31					
System 32					
System 33					
System 34					
System 35					
System 36					
System 37					
System 38					
System 39					
System 40					
System 41					
System 42					
System 43					
System 44					
System 45					
System 46					
System 47					
System 48					
System 49					
System 50					
System 51					
System 52					
System 53					
System 54					
System 55					
System 56					
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System 75					
System 76					
System 77					
System 78					
System 79					
System 80					
System 81					
System 82					
System 83					
System 84					
System 85					
System 86					
System 87					
System 88					
System 89					
System 90					
System 91					
System 92					
System 93					
System 94					
System 95					
System 96					
System 97					
System 98					
System 99					
System 100					

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas	1	10	10	10	10
Oklahoma					
TOTAL	1	10	10	10	10
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. TOTAL	2	25	15	10	12.5
TVA area (also includ- ed above)	1	15	15	15	15

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group II. Governmental Services, Utilities & Institutions
Type of Industry 26 Sanitariums

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	3	476	450	11	158.8
TOTAL	3	476	450	11	158.8
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. Total	3	476	450	11	158.8
TVA area (also included above)	3	476	450	11	158.8

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group II Governmental Services? Utilities & Institutions
Type of Industry 27. Orphans Homes

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	1	10	10	10	10
Florida					
TOTAL	1	10	10	10	10
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana	1	225	225	225	225
Missouri					
TOTAL	1	225	225	225	225

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho	3	17.5	7.5	5	5.8
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL	3	17.5	7.5	5	5.8
U.S. TOTAL	5	252.5	225	5	50.5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group II. Governmental Services Utilities & Institutions
Type of Industry 28. Radio Broadcasting Stations

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	1	450	450	450	450
TOTAL	1	450	450	450	450
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. TOTAL	1	450	450	450	450
TVA AREA (also included above)	1	450	450	450	450

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group III Food Processing
Type of Industry 1. Beverage Bottling

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia	1	5	5	5	5
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL	1	5	5	5	5
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					
U. S. Total	1	5	5	5	5

UNITED STATES DEPARTMENT OF AGRICULTURE

REPORT OF THE COMMISSIONER OF THE GENERAL LAND OFFICE

Presented to the Senate and House of Representatives at the second session of the Sixty-ninth Congress, in 1906.

Year	Area	Value	Notes	Remarks
1891	100	100		
1892	100	100		
1893	100	100		
1894	100	100		
1895	100	100		
1896	100	100		
1897	100	100		
1898	100	100		
1899	100	100		
1900	100	100		
1901	100	100		
1902	100	100		
1903	100	100		
1904	100	100		
1905	100	100		
1906	100	100		
1907	100	100		
1908	100	100		
1909	100	100		
1910	100	100		
1911	100	100		
1912	100	100		
1913	100	100		
1914	100	100		
1915	100	100		
1916	100	100		
1917	100	100		
1918	100	100		
1919	100	100		
1920	100	100		
1921	100	100		
1922	100	100		
1923	100	100		
1924	100	100		
1925	100	100		
1926	100	100		
1927	100	100		
1928	100	100		
1929	100	100		
1930	100	100		
1931	100	100		
1932	100	100		
1933	100	100		
1934	100	100		
1935	100	100		
1936	100	100		
1937	100	100		
1938	100	100		
1939	100	100		
1940	100	100		
1941	100	100		
1942	100	100		
1943	100	100		
1944	100	100		
1945	100	100		
1946	100	100		
1947	100	100		
1948	100	100		
1949	100	100		
1950	100	100		
1951	100	100		
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1961	100	100		
1962	100	100		
1963	100	100		
1964	100	100		
1965	100	100		
1966	100	100		
1967	100	100		
1968	100	100		
1969	100	100		
1970	100	100		
1971	100	100		
1972	100	100		
1973	100	100		
1974	100	100		
1975	100	100		
1976	100	100		
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1980	100	100		
1981	100	100		
1982	100	100		
1983	100	100		
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1987	100	100		
1988	100	100		
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1997	100	100		
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2002	100	100		
2003	100	100		
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2005	100	100		
2006	100	100		
2007	100	100		
2008	100	100		
2009	100	100		
2010	100	100		
2011	100	100		
2012	100	100		
2013	100	100		
2014	100	100		
2015	100	100		
2016	100	100		
2017	100	100		
2018	100	100		
2019	100	100		
2020	100	100		
2021	100	100		
2022	100	100		
2023	100	100		
2024	100	100		
2025	100	100		
2026	100	100		
2027	100	100		
2028	100	100		
2029	100	100		
2030	100	100		
2031	100	100		
2032	100	100		
2033	100	100		
2034	100	100		
2035	100	100		
2036	100	100		
2037	100	100		
2038	100	100		
2039	100	100		
2040	100	100		
2041	100	100		
2042	100	100		
2043	100	100		
2044	100	100		
2045	100	100		
2046	100	100		
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2048	100	100		
2049	100	100		
2050	100	100		
2051	100	100		
2052	100	100		
2053	100	100		
2054	100	100		
2055	100	100		
2056	100	100		
2057	100	100		
2058	100	100		
2059	100	100		
2060	100	100		
2061	100	100		
2062	100	100		
2063	100	100		
2064	100	100		
2065	100	100		
2066	100	100		
2067	100	100		
2068	100	100		
2069	100	100		
2070	100	100		
2071	100	100		
2072	100	100		
2073	100	100		
2074	100	100		
2075	100	100		
2076	100	100		
2077	100	100		
2078	100	100		
2079	100	100		
2080	100	100		
2081	100	100		
2082	100	100		
2083	100	100		
2084	100	100		
2085	100	100		
2086	100	100		
2087	100	100		
2088	100	100		
2089	100	100		
2090	100	100		
2091	100	100		
2092	100	100		
2093	100	100		
2094	100	100		
2095	100	100		
2096	100	100		
2097	100	100		
2098	100	100		
2099	100	100		
2100	100	100		

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group III Food Processing
Type of Industry 2 Canning Factories

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware	1	15	15	15	15
Maryland					
Michigan					
Ohio					
TOTAL	1	15	15	15	15
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	1	25	25	25	25
TOTAL	1	25	25	25	25
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

III
2

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana	1	15	15	15	15
Texas					
Oklahoma					
TOTAL	1	15	15	15	15
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. Total	3	55	25	15	18.3
TVA area (also included above.)	1	25	25	25	25

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group III Food Processing
Type of Industry 3 Cheese Factories

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio	4	27.5	7.5	5	6.9
TOTAL	4	27.5	7.5	5	6.9
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi	2	50	30	20	25
Tennessee	3	50	20	15	16.7
TOTAL	5	100	30	15	20.9
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

RECORDS OF THE

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THE RECORDS OF THE

NAME	AGE	SEX	DATE OF BIRTH	DATE OF DEATH	PLACE OF BIRTH	PLACE OF DEATH
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	32	33	34	35
36	37	38	39	40	41	42
43	44	45	46	47	48	49
50	51	52	53	54	55	56
57	58	59	60	61	62	63
64	65	66	67	68	69	70
71	72	73	74	75	76	77
78	79	80	81	82	83	84
85	86	87	88	89	90	91
92	93	94	95	96	97	98
99	100	101	102	103	104	105
106	107	108	109	110	111	112
113	114	115	116	117	118	119
120	121	122	123	124	125	126
127	128	129	130	131	132	133
134	135	136	137	138	139	140
141	142	143	144	145	146	147
148	149	150	151	152	153	154
155	156	157	158	159	160	161
162	163	164	165	166	167	168
169	170	171	172	173	174	175
176	177	178	179	180	181	182
183	184	185	186	187	188	189
190	191	192	193	194	195	196
197	198	199	200	201	202	203
204	205	206	207	208	209	210
211	212	213	214	215	216	217
218	219	220	221	222	223	224
225	226	227	228	229	230	231
232	233	234	235	236	237	238
239	240	241	242	243	244	245
246	247	248	249	250	251	252
253	254	255	256	257	258	259
260	261	262	263	264	265	266
267	268	269	270	271	272	273
274	275	276	277	278	279	280
281	282	283	284	285	286	287
288	289	290	291	292	293	294
295	296	297	298	299	300	301
302	303	304	305	306	307	308
309	310	311	312	313	314	315
316	317	318	319	320	321	322
323	324	325	326	327	328	329
330	331	332	333	334	335	336
337	338	339	340	341	342	343
344	345	346	347	348	349	350
351	352	353	354	355	356	357
358	359	360	361	362	363	364
365	366	367	368	369	370	371
372	373	374	375	376	377	378
379	380	381	382	383	384	385
386	387	388	389	390	391	392
393	394	395	396	397	398	399
400	401	402	403	404	405	406
407	408	409	410	411	412	413
414	415	416	417	418	419	420
421	422	423	424	425	426	427
428	429	430	431	432	433	434
435	436	437	438	439	440	441
442	443	444	445	446	447	448
449	450	451	452	453	454	455
456	457	458	459	460	461	462
463	464	465	466	467	468	469
470	471	472	473	474	475	476
477	478	479	480	481	482	483
484	485	486	487	488	489	490
491	492	493	494	495	496	497
498	499	500	501	502	503	504
505	506	507	508	509	510	511
512	513	514	515	516	517	518
519	520	521	522	523	524	525
526	527	528	529	530	531	532
533	534	535	536	537	538	539
540	541	542	543	544	545	546
547	548	549	550	551	552	553
554	555	556	557	558	559	560
561	562	563	564	565	566	567
568	569	570	571	572	573	574
575	576	577	578	579	580	581
582	583	584	585	586	587	588
589	590	591	592	593	594	595
596	597	598	599	600	601	602
603	604	605	606	607	608	609
610	611	612	613	614	615	616
617	618	619	620	621	622	623
624	625	626	627	628	629	630
631	632	633	634	635	636	637
638	639	640	641	642	643	644
645	646	647	648	649	650	651
652	653	654	655	656	657	658
659	660	661	662	663	664	665
666	667	668	669	670	671	672
673	674	675	676	677	678	679
680	681	682	683	684	685	686
687	688	689	690	691	692	693
694	695	696	697	698	699	700
701	702	703	704	705	706	707
708	709	710	711	712	713	714
715	716	717	718	719	720	721
722	723	724	725	726	727	728
729	730	731	732	733	734	735
736	737	738	739	740	741	742
743	744	745	746	747	748	749
750	751	752	753	754	755	756
757	758	759	760	761	762	763
764	765	766	767	768	769	770
771	772	773	774	775	776	777
778	779	780	781	782	783	784
785	786	787	788	789	790	791
792	793	794	795	796	797	798
799	800	801	802	803	804	805
806	807	808	809	810	811	812
813	814	815	816	817	818	819
820	821	822	823	824	825	826
827	828	829	830	831	832	833
834	835	836	837	838	839	840
841	842	843	844	845	846	847
848	849	850	851	852	853	854
855	856	857	858	859	860	861
862	863	864	865	866	867	868
869	870	871	872	873	874	875
876	877	878	879	880	881	882
883	884	885	886	887	888	889
890	891	892	893	894	895	896
897	898	899	900	901	902	903
904	905	906	907	908	909	910
911	912	913	914	915	916	917
918	919	920	921	922	923	924
925	926	927	928	929	930	931
932	933	934	935	936	937	938
939	940	941	942	943	944	945
946	947	948	949	950	951	952
953	954	955	956	957	958	959
960	961	962	963	964	965	966
967	968	969	970	971	972	973
974	975	976	977	978	979	980
981	982	983	984	985	986	987
988	989	990	991	992	993	994
995	996	997	998	999	1000	1001

INDUSTRIAL LOADS ON REA SYSTEMS

III
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Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	48	265	10	5	5.5
Minnesota	2	10	5	5	5
North Dakota					
South Dakota					
TOTAL	50	275	10	5	5.5
REGION VI					
Kansas					
Nebraska					
Iowa	1	5	5	5	5
TOTAL	1	5	5	5	5
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming	2	40	20	20	20
Washington					
Oregon					
California					
TOTAL	2	40	20	20	20
U. S. Total	62	447.5	30	5	7.3
TVA Area (also in-					
cluded above)	5	100	30	15	20

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group III Food Processing
Type of Industry 4. Dairies

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania	3	25	15	5	8.3
Delaware					
Maryland					
Michigan	3	15	5	5	5
Ohio	6	30	5	5	5
TOTAL	12	70	15	5	5.8
REGION II					
West Virginia					
Virginia	1	5	5	5	5
North Carolina	1	10	10	10	10
South Carolina					
Georgia	12	70	10	5	5.8
Florida					
TOTAL	14	85	10	5	6.1
REGION III					
Alabama	1	5	5	5	5
Kentucky	7	57.5	20	5	8.2
Mississippi	5	170	75	10	34
Tennessee	7	145	30	5	20.7
TOTAL	20	377.5	75	5	17
REGION IV					
Illinois					
Indiana					
Missouri	9	72.5	25	5	8.1
TOTAL	9	72.5	25	5	8.1

STANDARD TESTS OF STEEL

Revised in 1914 by the American Society of Civil Engineers

Published by the American Society of Civil Engineers
1110 North Dearborn Street, Chicago, Ill.

Test	Yield Point Load KVA	Tensile Load KVA	Elongation in 8 in.	Reduction of Area %
1	10	15	25	40
2	10	15	25	40
3	10	15	25	40
4	10	15	25	40
5	10	15	25	40
6	10	15	25	40
7	10	15	25	40
8	10	15	25	40
9	10	15	25	40
10	10	15	25	40
11	10	15	25	40
12	10	15	25	40
13	10	15	25	40
14	10	15	25	40
15	10	15	25	40
16	10	15	25	40
17	10	15	25	40
18	10	15	25	40
19	10	15	25	40
20	10	15	25	40
21	10	15	25	40
22	10	15	25	40
23	10	15	25	40
24	10	15	25	40
25	10	15	25	40
26	10	15	25	40
27	10	15	25	40
28	10	15	25	40
29	10	15	25	40
30	10	15	25	40
31	10	15	25	40
32	10	15	25	40
33	10	15	25	40
34	10	15	25	40
35	10	15	25	40
36	10	15	25	40
37	10	15	25	40
38	10	15	25	40
39	10	15	25	40
40	10	15	25	40
41	10	15	25	40
42	10	15	25	40
43	10	15	25	40
44	10	15	25	40
45	10	15	25	40
46	10	15	25	40
47	10	15	25	40
48	10	15	25	40
49	10	15	25	40
50	10	15	25	40
51	10	15	25	40
52	10	15	25	40
53	10	15	25	40
54	10	15	25	40
55	10	15	25	40
56	10	15	25	40
57	10	15	25	40
58	10	15	25	40
59	10	15	25	40
60	10	15	25	40
61	10	15	25	40
62	10	15	25	40
63	10	15	25	40
64	10	15	25	40
65	10	15	25	40
66	10	15	25	40
67	10	15	25	40
68	10	15	25	40
69	10	15	25	40
70	10	15	25	40
71	10	15	25	40
72	10	15	25	40
73	10	15	25	40
74	10	15	25	40
75	10	15	25	40
76	10	15	25	40
77	10	15	25	40
78	10	15	25	40
79	10	15	25	40
80	10	15	25	40
81	10	15	25	40
82	10	15	25	40
83	10	15	25	40
84	10	15	25	40
85	10	15	25	40
86	10	15	25	40
87	10	15	25	40
88	10	15	25	40
89	10	15	25	40
90	10	15	25	40
91	10	15	25	40
92	10	15	25	40
93	10	15	25	40
94	10	15	25	40
95	10	15	25	40
96	10	15	25	40
97	10	15	25	40
98	10	15	25	40
99	10	15	25	40
100	10	15	25	40

INDUSTRIAL LOADS ON REA SYSTEMS

III

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Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	25	369	55	5	14.8
Minnesota	24	521	75	7.5	21.7
North Dakota					
South Dakota					
TOTAL	49	890	75	5	
REGION VI					
Kansas	1	5	5	5	5
Nebraska					
Iowa	14	122.5	25	5	8.8
TOTAL	15	127.5			18.1
REGION VII					
Arkansas					
Louisiana	4	20	5	5	5
Texas	16	105	20	5	6.6
Oklahoma	4	20	5	5	5
TOTAL	24	145	20	5	6
REGION VIII					
Arizona	1	22.5	22.5	22.5	22.5
Nevada					
New Mexico					
Idaho	2	10	5	5	5
Colorado					
Utah					
Montana	1	7.5	7.5	7.5	7.5
Wyoming					
Washington					
Oregon	1	7.5	7.5	7.5	7.5
California	3	19	9	5	6.3
TOTAL	8	66.5	22.5	5	8.3
U. St. Total	151	1,834	75	5	12.2
TVA Area (also in-					
cluded above)	11	305	75	5	27.8

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group III Food Processing

Type of Industry 5. Distilleries

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky	1	22.5	22.5	22.5	22.5
Mississippi					
Tennessee	1	75	75	75	75
TOTAL	2	97.5	75	22.5	48.8
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOANS ON REA SYSTEMS

Form No. 1, 1934, as amended

Industrial Loan Company, Inc.
Type of Business: Manufacturing

Plant	Installed in	Estimated Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
Plant 1					
Plant 2					
Plant 3					
Plant 4					
Plant 5					
Plant 6					
Plant 7					
Plant 8					
Plant 9					
Plant 10					
Plant 11					
Plant 12					
Plant 13					
Plant 14					
Plant 15					
Plant 16					
Plant 17					
Plant 18					
Plant 19					
Plant 20					
Plant 21					
Plant 22					
Plant 23					
Plant 24					
Plant 25					
Plant 26					
Plant 27					
Plant 28					
Plant 29					
Plant 30					
Plant 31					
Plant 32					
Plant 33					
Plant 34					
Plant 35					
Plant 36					
Plant 37					
Plant 38					
Plant 39					
Plant 40					
Plant 41					
Plant 42					
Plant 43					
Plant 44					
Plant 45					
Plant 46					
Plant 47					
Plant 48					
Plant 49					
Plant 50					
Plant 51					
Plant 52					
Plant 53					
Plant 54					
Plant 55					
Plant 56					
Plant 57					
Plant 58					
Plant 59					
Plant 60					
Plant 61					
Plant 62					
Plant 63					
Plant 64					
Plant 65					
Plant 66					
Plant 67					
Plant 68					
Plant 69					
Plant 70					
Plant 71					
Plant 72					
Plant 73					
Plant 74					
Plant 75					
Plant 76					
Plant 77					
Plant 78					
Plant 79					
Plant 80					
Plant 81					
Plant 82					
Plant 83					
Plant 84					
Plant 85					
Plant 86					
Plant 87					
Plant 88					
Plant 89					
Plant 90					
Plant 91					
Plant 92					
Plant 93					
Plant 94					
Plant 95					
Plant 96					
Plant 97					
Plant 98					
Plant 99					
Plant 100					

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. Total	2	97.5	75	22.5	48.8
TVA area (also in- cluded above)	1	75	75	75	75

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group III Food Processing
Type of Industry 6 Animal & Fowl Foods

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland	1	5	5	5	5
Michigan	2	19	10	9	9.5
Ohio	6	75	25	5	12.5
TOTAL	9	99	25	5	11
REGION II					
West Virginia					
Virginia	5	39	10	5	7.8
North Carolina	5	80	30	5	16
South Carolina	9	97.5	30	5	10.8
Georgia					
Florida					
TOTAL	19	216.5	30	5	11.4
REGION III					
Alabama	6	110	50	10	18.3
Kentucky	2	12.5	7.5	5	6.3
Mississippi	20	292.5	30	5	14.6
Tennessee	29	595	45	10	20.5
TOTAL	57	1010	50	5	14.5
REGION IV					
Illinois	3	49	30	9	16.3
Indiana	19	195	75	5	10.3
Missouri	6	74	22.5	5	12.3
TOTAL	28	318	75	5	11.3

STATISTICAL DATA ON THE SUBJECT

Prepared by: [Name] Date: [Date]

General Characteristics of the [Subject] in the [Area]

Year	Number of [Subject]	Percentage of [Subject]	Largest [Subject]	Smallest [Subject]	Average [Subject]
1900	1	100	1	1	1
1901	2	100	2	2	2
1902	3	100	3	3	3
1903	4	100	4	4	4
1904	5	100	5	5	5
1905	6	100	6	6	6
1906	7	100	7	7	7
1907	8	100	8	8	8
1908	9	100	9	9	9
1909	10	100	10	10	10
1910	11	100	11	11	11
1911	12	100	12	12	12
1912	13	100	13	13	13
1913	14	100	14	14	14
1914	15	100	15	15	15
1915	16	100	16	16	16
1916	17	100	17	17	17
1917	18	100	18	18	18
1918	19	100	19	19	19
1919	20	100	20	20	20
1920	21	100	21	21	21
1921	22	100	22	22	22
1922	23	100	23	23	23
1923	24	100	24	24	24
1924	25	100	25	25	25
1925	26	100	26	26	26
1926	27	100	27	27	27
1927	28	100	28	28	28
1928	29	100	29	29	29
1929	30	100	30	30	30
1930	31	100	31	31	31
1931	32	100	32	32	32
1932	33	100	33	33	33
1933	34	100	34	34	34
1934	35	100	35	35	35
1935	36	100	36	36	36
1936	37	100	37	37	37
1937	38	100	38	38	38
1938	39	100	39	39	39
1939	40	100	40	40	40
1940	41	100	41	41	41
1941	42	100	42	42	42
1942	43	100	43	43	43
1943	44	100	44	44	44
1944	45	100	45	45	45
1945	46	100	46	46	46
1946	47	100	47	47	47
1947	48	100	48	48	48
1948	49	100	49	49	49
1949	50	100	50	50	50
1950	51	100	51	51	51
1951	52	100	52	52	52
1952	53	100	53	53	53
1953	54	100	54	54	54
1954	55	100	55	55	55
1955	56	100	56	56	56
1956	57	100	57	57	57
1957	58	100	58	58	58
1958	59	100	59	59	59
1959	60	100	60	60	60
1960	61	100	61	61	61
1961	62	100	62	62	62
1962	63	100	63	63	63
1963	64	100	64	64	64
1964	65	100	65	65	65
1965	66	100	66	66	66
1966	67	100	67	67	67
1967	68	100	68	68	68
1968	69	100	69	69	69
1969	70	100	70	70	70
1970	71	100	71	71	71
1971	72	100	72	72	72
1972	73	100	73	73	73
1973	74	100	74	74	74
1974	75	100	75	75	75
1975	76	100	76	76	76
1976	77	100	77	77	77
1977	78	100	78	78	78
1978	79	100	79	79	79
1979	80	100	80	80	80
1980	81	100	81	81	81
1981	82	100	82	82	82
1982	83	100	83	83	83
1983	84	100	84	84	84
1984	85	100	85	85	85
1985	86	100	86	86	86
1986	87	100	87	87	87
1987	88	100	88	88	88
1988	89	100	89	89	89
1989	90	100	90	90	90
1990	91	100	91	91	91
1991	92	100	92	92	92
1992	93	100	93	93	93
1993	94	100	94	94	94
1994	95	100	95	95	95
1995	96	100	96	96	96
1996	97	100	97	97	97
1997	98	100	98	98	98
1998	99	100	99	99	99
1999	100	100	100	100	100

INDUSTRIAL LOADS ON REA SYSTEMS

III

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Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	3	65	30	10	21.7
Minnesota	5	80	40	5	16
North Dakota					
South Dakota					
TOTAL	8	145	40	5	18.1
REGION VI					
Kansas	4	40	15	7.5	10
Nebraska	1	15	15	15	15
Iowa	20	175	25	5	9.2
TOTAL	25	230	25	5	9.2
REGION VII					
Arkansas	2	15	10	5	7.5
Louisiana					
Texas	15	165	75	5	11
Oklahoma	3	35	15	10	11.7
TOTAL	20	215	75	5	10.7
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado	6	116	22.5	7.5	19.3
Utah					
Montana					
Wyoming					
Washington	2	10	5	5	5
Oregon					
California	2	35	22.5	12.5	17.5
TOTAL	10	161	22.5	5	16.1
U. S. Total	176	2,394.50	75	5	13.6
TVA area (also includ- ed above)	54	992.5	50	5	18.3

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group III Food Processing

Type of Industry 7. Flour Mills

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia	1	30	30	30	30
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL	1	30	30	30	30
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	8	379	75	15	47.4
TOTAL	8	379	75	15	47.4
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho	1	9	9	9	9
Colorado					
Utah					
Montana	1	15	15	15	15
Wyoming					
Washington					
Oregon					
California	1	30	30	30	30
TOTAL	3	54	30	9	18
U. S. Total	12	463	75	9	42.1
TVA area (also includ-					
ed above)	8	379	75	15	47.4

INDUSTRIAL LOADS ON REA SYSTEMS

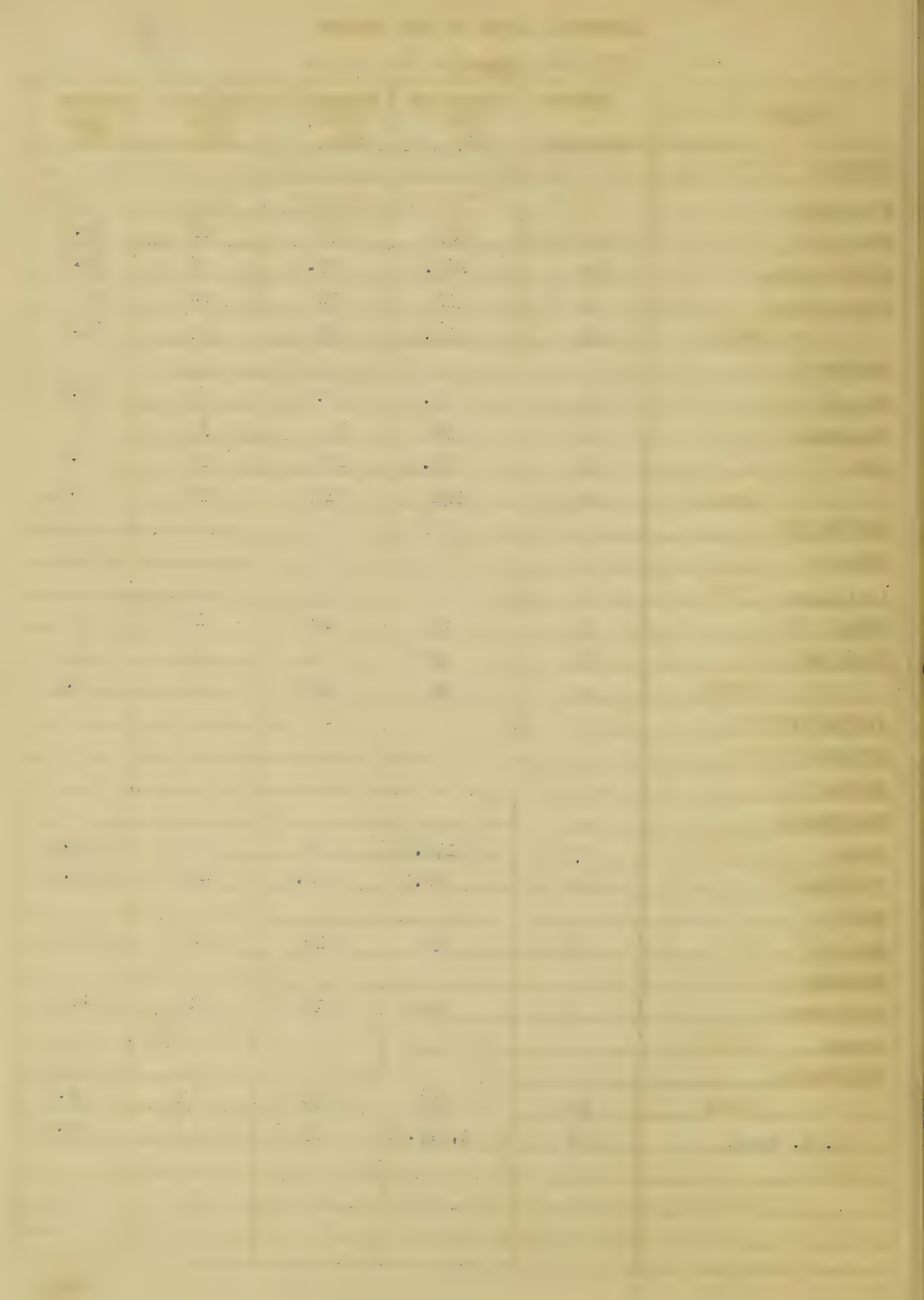
Reported by 395 REA Systems, as of January, 1940

General Classification Group III Food Processing

Type of Industry 8. Grain Elevators

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan	2	32.5	22.5	10	16.25
Ohio	4	155	75	5	38.8
TOTAL	6	187.5	75	5	31.3
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois	17	365	45	7.5	16.3
Indiana	9	302.5	75	5	33.6
Missouri					
TOTAL	26	667.5	75	5	25.7

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota	3	67	45	11	22.3
North Dakota	18	262.5	27.5	5	34.3
South Dakota	1	12	12	12	12
TOTAL	22	341.5	45	5	15.5
REGION VI					
Kansas	8	57.5	7.5	5	7.2
Nebraska	4	36	11	5	9
Iowa	8	48.5	10	5	6.1
TOTAL	20	142	11	5	7.1
REGION VII					
Arkansas					
Louisiana					
Texas	2	20	10	10	10
Oklahoma	2	10	5	5	5
TOTAL	4	30	10	5	7.5
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho	7	146.5	50	5	20.7
Colorado	2	42.5	22.5	20	21.3
Utah					
Montana	2	16	10	6	8
Wyoming					
Washington	4	40	10	10	10
Oregon					
California					
TOTAL	15	245	50	5	16.3
U. S. Total	93	1,613.50	75	5	17.3



INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group III Food ProcessingType of Industry 9. Ice Plants

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland	1	7.5	7.5	7.5	7.5
Michigan					
Ohio					
TOTAL	1	7.5	7.5	7.5	7.5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	1	7.5	7.5	7.5	7.5
Florida					
TOTAL	1	7.5	7.5	7.5	7.5
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	10	297.5	71	8	29.8
TOTAL	10	297.5	71	8	29.8
REGION IV					
Illinois					
Indiana					
Missouri	1	25	25	25	25
TOTAL	1	25	25	25	25

UNITED STATES DEPARTMENT OF AGRICULTURE

BUREAU OF PLANT INDUSTRY

PLANT INDUSTRY INVESTIGATION REPORT

NAME OF PLANT	LOCALITY	COLLECTOR	DATE	PLANT	SPECIES
C. ALBA	INDONESIA	S. J. H. H.	1917	C. ALBA	C. ALBA
C. ALBA	INDONESIA	S. J. H. H.	1917	C. ALBA	C. ALBA
C. ALBA	INDONESIA	S. J. H. H.	1917	C. ALBA	C. ALBA
C. ALBA	INDONESIA	S. J. H. H.	1917	C. ALBA	C. ALBA
C. ALBA	INDONESIA	S. J. H. H.	1917	C. ALBA	C. ALBA
C. ALBA	INDONESIA	S. J. H. H.	1917	C. ALBA	C. ALBA
C. ALBA	INDONESIA	S. J. H. H.	1917	C. ALBA	C. ALBA
C. ALBA	INDONESIA	S. J. H. H.	1917	C. ALBA	C. ALBA
C. ALBA	INDONESIA	S. J. H. H.	1917	C. ALBA	C. ALBA
C. ALBA	INDONESIA	S. J. H. H.	1917	C. ALBA	C. ALBA
C. ALBA	INDONESIA	S. J. H. H.	1917	C. ALBA	C. ALBA
C. ALBA	INDONESIA	S. J. H. H.	1917	C. ALBA	C. ALBA
C. ALBA	INDONESIA	S. J. H. H.	1917	C. ALBA	C. ALBA
C. ALBA	INDONESIA	S. J. H. H.	1917	C. ALBA	C. ALBA
C. ALBA	INDONESIA	S. J. H. H.	1917	C. ALBA	C. ALBA
C. ALBA	INDONESIA	S. J. H. H.	1917	C. ALBA	C. ALBA
C. ALBA	INDONESIA	S. J. H. H.	1917	C. ALBA	C. ALBA
C. ALBA	INDONESIA	S. J. H. H.	1917	C. ALBA	C. ALBA
C. ALBA	INDONESIA	S. J. H. H.	1917	C. ALBA	C. ALBA
C. ALBA	INDONESIA	S. J. H. H.	1917	C. ALBA	C. ALBA
C. ALBA	INDONESIA	S. J. H. H.	1917	C. ALBA	C. ALBA
C. ALBA	INDONESIA	S. J. H. H.	1917	C. ALBA	C. ALBA
C. ALBA	INDONESIA	S. J. H. H.	1917	C. ALBA	C. ALBA
C. ALBA	INDONESIA	S. J. H. H.	1917	C. ALBA	C. ALBA
C. ALBA	INDONESIA	S. J. H. H.	1917	C. ALBA	C. ALBA
C. ALBA	INDONESIA	S. J. H. H.	1917	C. ALBA	C. ALBA

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas	1	7.5	7.5	7.5	7.5
Oklahoma					
TOTAL	1	7.5	7.5	7.5	7.5
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. Total	14	345	71	7.5	24.7
TVA area (also included above)	10	297.5	71	8	29.8

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group III Food ProcessingType of Industry 10. Fruit Packing Plants

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	15	92.5	10	5	6.2
Florida					
TOTAL	15	92.5	10	5	6.2
REGION III					
Alabama					
Kentucky	2	25	20	5	12.5
Mississippi	1	75	75	75	75
Tennessee	1	17.5	17.5	17.5	17.5
TOTAL	4	117.5	75	5	35
REGION IV					
Illinois	1	10	10	10	10
Indiana					
Missouri					
TOTAL	1	10	10	10	10

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas	1	10	10	10	10
Louisiana					
Texas	1	7.5	7.5	7.5	7.5
Oklahoma					
TOTAL	2	17.5	10	7.5	8.8
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado	1	10	10	10	10
Utah					
Montana					
Wyoming					
Washington					
Oregon	1	5	5	5	5
California					
TOTAL	2	15	5	5	7.5
U. S. Total	24	252.5	75	5	10.4
TVA area(also included above)	2	82.5	75	17.5	41.25

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group III Food Processing

Type of Industry II Sausage Factories

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska	1	7.5	7.5	7.5	7.5
Iowa					
TOTAL	1	7.5	7.5	7.5	7.5
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. Total	1	7.5	7.5	7.5	7.5

1. The first part of the paper is devoted to a discussion of the general principles of the theory of the structure of the atom. It is shown that the structure of the atom is determined by the laws of quantum mechanics, and that the laws of quantum mechanics are in agreement with the experimental facts.

2. In the second part of the paper, the author discusses the application of the theory of the structure of the atom to the study of the properties of the elements. It is shown that the theory of the structure of the atom can be used to explain the periodicity of the elements, and that it can be used to predict the properties of the elements.

3. In the third part of the paper, the author discusses the application of the theory of the structure of the atom to the study of the properties of the compounds. It is shown that the theory of the structure of the atom can be used to explain the properties of the compounds, and that it can be used to predict the properties of the compounds.

4. In the fourth part of the paper, the author discusses the application of the theory of the structure of the atom to the study of the properties of the solutions. It is shown that the theory of the structure of the atom can be used to explain the properties of the solutions, and that it can be used to predict the properties of the solutions.

5. In the fifth part of the paper, the author discusses the application of the theory of the structure of the atom to the study of the properties of the solids. It is shown that the theory of the structure of the atom can be used to explain the properties of the solids, and that it can be used to predict the properties of the solids.

6. In the sixth part of the paper, the author discusses the application of the theory of the structure of the atom to the study of the properties of the liquids. It is shown that the theory of the structure of the atom can be used to explain the properties of the liquids, and that it can be used to predict the properties of the liquids.

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group III Food Processing

Type of Industry 12. Sugar Beet Dumps and Refineries

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

GENERAL ACCOUNT

FOR THE YEAR ENDING 1900

Total Credits 1000.00
Total Debits 1000.00

Date	Particulars	Debit	Credit	Balance
1900 Jan 1	Balance forward			1000.00
Jan 15	By Cash		50.00	1050.00
Jan 20	To Cash	25.00		1025.00
Jan 25	By Cash		75.00	1100.00
Jan 30	To Cash	100.00		1000.00
Feb 5	By Cash		100.00	1100.00
Feb 10	To Cash	50.00		1050.00
Feb 15	By Cash		25.00	1075.00
Feb 20	To Cash	75.00		1000.00
Feb 25	By Cash		100.00	1100.00
Feb 30	To Cash	100.00		1000.00
Mar 5	By Cash		50.00	1050.00
Mar 10	To Cash	25.00		1025.00
Mar 15	By Cash		75.00	1100.00
Mar 20	To Cash	100.00		1000.00
Mar 25	By Cash		100.00	1100.00
Mar 30	To Cash	50.00		1050.00
Apr 5	By Cash		25.00	1075.00
Apr 10	To Cash	75.00		1000.00
Apr 15	By Cash		100.00	1100.00
Apr 20	To Cash	100.00		1000.00
Apr 25	By Cash		50.00	1050.00
Apr 30	To Cash	25.00		1025.00
May 5	By Cash		75.00	1100.00
May 10	To Cash	100.00		1000.00
May 15	By Cash		100.00	1100.00
May 20	To Cash	50.00		1050.00
May 25	By Cash		25.00	1075.00
May 30	To Cash	75.00		1000.00
Jun 5	By Cash		100.00	1100.00
Jun 10	To Cash	100.00		1000.00
Jun 15	By Cash		50.00	1050.00
Jun 20	To Cash	25.00		1025.00
Jun 25	By Cash		75.00	1100.00
Jun 30	To Cash	100.00		1000.00
Jul 5	By Cash		100.00	1100.00
Jul 10	To Cash	50.00		1050.00
Jul 15	By Cash		25.00	1075.00
Jul 20	To Cash	75.00		1000.00
Jul 25	By Cash		100.00	1100.00
Jul 30	To Cash	100.00		1000.00
Aug 5	By Cash		50.00	1050.00
Aug 10	To Cash	25.00		1025.00
Aug 15	By Cash		75.00	1100.00
Aug 20	To Cash	100.00		1000.00
Aug 25	By Cash		100.00	1100.00
Aug 30	To Cash	50.00		1050.00
Sep 5	By Cash		25.00	1075.00
Sep 10	To Cash	75.00		1000.00
Sep 15	By Cash		100.00	1100.00
Sep 20	To Cash	100.00		1000.00
Sep 25	By Cash		50.00	1050.00
Sep 30	To Cash	25.00		1025.00
Oct 5	By Cash		75.00	1100.00
Oct 10	To Cash	100.00		1000.00
Oct 15	By Cash		100.00	1100.00
Oct 20	To Cash	50.00		1050.00
Oct 25	By Cash		25.00	1075.00
Oct 30	To Cash	75.00		1000.00
Nov 5	By Cash		100.00	1100.00
Nov 10	To Cash	100.00		1000.00
Nov 15	By Cash		50.00	1050.00
Nov 20	To Cash	25.00		1025.00
Nov 25	By Cash		75.00	1100.00
Nov 30	To Cash	100.00		1000.00
Dec 5	By Cash		100.00	1100.00
Dec 10	To Cash	50.00		1050.00
Dec 15	By Cash		25.00	1075.00
Dec 20	To Cash	75.00		1000.00
Dec 25	By Cash		100.00	1100.00
Dec 30	To Cash	100.00		1000.00

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska	3	82.5	45	15	27.5
Iowa					
TOTAL	3	82.5	45	15	27.5
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado	1	6	6	6	6
Utah					
Montana	1	7.5	7.5	7.5	7.5
Wyoming					
Washington					
Oregon					
California					
TOTAL	2	13.5	7.5	6	6.8
U. S. Total	5	96	45	6	19.2

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group III Food Processing

Type of Industry 13. Sugar Cane Presses and Refineries

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana	1	30	30	30	30
Texas	1	5	5	5	5
Oklahoma					
TOTAL	2	35	30	5	17.5
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U . S. Total	2	35	30	5	17.5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group III. Food ProcessingType of Industry Slaughter Houses 14.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania	14	10	10	10	10
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL	1	10	10	10	10
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	1	10	10	10	10
TOTAL	1	10	10	10	10
REGION IV					
Illinois					
Indiana	1	15	15	15	15
Missouri	1	15	15	15	15
TOTAL	2	30	15	15	15

INDUSTRIAL LOADS ON REA SYSTEMS

III
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Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	2	18.5	11	7.5	9.3
Minnesota					
North Dakota					
South Dakota					
TOTAL	2	18.5	11	7.5	9.3
REGION VI					
Kansas					
Nebraska					
Iowa	1	7.5	7.5	7.5	7.5
TOTAL	1	7.5	7.5	7.5	7.5
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. Total	7	76	15	7.5	10.9
TVA area (also included above)	1	10	10	10	10

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group III. Food Processing

Type of Industry 15 Bakeries

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio	1	5	5	5	5
TOTAL	1	5	5	5	5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					
U. S. Total	1	5	5	5	5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group III Food Processing
Type of Industry 16. Cotton Oil Mills

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	2	1125	750	375	562.5
TOTAL	2	1125	750	375	562.5
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. Total	2	1125	750	375	562.5
TVA area (also included above)	2	1125	750	375	562.5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group III Food Processing

Type of Industry 17. Dehydrating Plants

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas	1	200	200	200	200
Oklahoma					
TOTAL	1	200	200	200	200
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. Total	1	200	200	200	200

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group IV. Forest Products

Type of Industry 1. Box Factories

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania	1	10	10	10	10
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL	1	10	10	10	10
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota	1	7.5	7.5	7.5	7.5
TOTAL	1	7.5	7.5	7.5	7.5
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico	1	10	10	10	10
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon	1	5	5	5	5
California					
TOTAL	2	15	10	5	7.5
U.S. Totals	4	32.5	10	5	5.6

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group IV Forest ProductsType of Industry 2. Furniture Factories

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama	1	7.5	7.5	7.5	7.5
Kentucky					
Mississippi	1	10	10	10	10
Tennessee					
TOTAL	2	17.5	10	7.5	8.8
REGION IV					
Illinois					
Indiana					
Missouri	1	22.5	22.5	22.5	22.5
TOTAL	1	22.5	22.5	22.5	22.5

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas	1	10	10	10	10
Oklahoma					
TOTAL	1	10	10	10	10
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. Totals	4	50.	22.5	7.5	12.5
TVA area (also included above)	1	10	10	10	10

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group IV Forest ProductsType of Industry 3. Lumber Yards & Planing Mills

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania	1	10	10	10	10
Delaware					
Maryland	1	7.5	7.5	7.5	7.5
Michigan					
Ohio					
TOTAL	2	17.5	10	7.5	8.8
REGION II					
West Virginia	1	5	5	5	5
Virginia	1	30	30	30	30
North Carolina					
South Carolina					
Georgia	1	5	5	5	5
Florida					
TOTAL	3	40	30	5	13.3
REGION III					
Alabama					
Kentucky					
Mississippi	1	50	50	50	50
Tennessee	8	167.5	50	8	20.9
TOTAL	9	217.5	50	8	35.5
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	1	15	15	15	15
Minnesota					
North Dakota					
South Dakota					
TOTAL	1	15	15	15	15
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas	1	5	5	5	5
Oklahoma					
TOTAL	1	5	5	5	5
REGION VIII					
Arizona					
Nevada					
New Mexico	1	10	10	10	10
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington	1	5	5	5	5
Oregon					
California	2	60	45	15	30
TOTAL	4	75	45	5	18.7
U.S. Total s	20	370.	50	5	18.5
TVA area (also included above)	9	217.5	50	8	23

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group IV Forest ProductsType of Industry 4. Sawmills

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I	1	45	45	45	45
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania	1	10	10	10	10
Delaware	1	15	15	15	15
Maryland					
Michigan	2	15	10	5	7.5
Ohio					
TOTAL	5	85	45	5	17
REGION II					
West Virginia					
Virginia	1	10	10	10	10
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL	1	10	10	10	10
REGION III					
Alabama					
Kentucky					
Mississippi	1	20	20	20	20
Tennessee					
TOTAL	1	20	20	20	20
REGION IV					
Illinois					
Indiana	1	30	30	30	30
Missouri					
TOTAL	1	30	30	30	30

TABLE 1. SUMMARY OF DATA FOR THE YEAR 1964

TABLE 1. SUMMARY OF DATA FOR THE YEAR 1964

TABLE 1. SUMMARY OF DATA FOR THE YEAR 1964

Category	Subcategory	Value	Unit	Notes
1	1.1	1.1	1.1	1.1
2	2.1	2.1	2.1	2.1
3	3.1	3.1	3.1	3.1
4	4.1	4.1	4.1	4.1
5	5.1	5.1	5.1	5.1
6	6.1	6.1	6.1	6.1
7	7.1	7.1	7.1	7.1
8	8.1	8.1	8.1	8.1
9	9.1	9.1	9.1	9.1
10	10.1	10.1	10.1	10.1
11	11.1	11.1	11.1	11.1
12	12.1	12.1	12.1	12.1
13	13.1	13.1	13.1	13.1
14	14.1	14.1	14.1	14.1
15	15.1	15.1	15.1	15.1
16	16.1	16.1	16.1	16.1
17	17.1	17.1	17.1	17.1
18	18.1	18.1	18.1	18.1
19	19.1	19.1	19.1	19.1
20	20.1	20.1	20.1	20.1
21	21.1	21.1	21.1	21.1
22	22.1	22.1	22.1	22.1
23	23.1	23.1	23.1	23.1
24	24.1	24.1	24.1	24.1
25	25.1	25.1	25.1	25.1
26	26.1	26.1	26.1	26.1
27	27.1	27.1	27.1	27.1
28	28.1	28.1	28.1	28.1
29	29.1	29.1	29.1	29.1
30	30.1	30.1	30.1	30.1
31	31.1	31.1	31.1	31.1
32	32.1	32.1	32.1	32.1
33	33.1	33.1	33.1	33.1
34	34.1	34.1	34.1	34.1
35	35.1	35.1	35.1	35.1
36	36.1	36.1	36.1	36.1
37	37.1	37.1	37.1	37.1
38	38.1	38.1	38.1	38.1
39	39.1	39.1	39.1	39.1
40	40.1	40.1	40.1	40.1
41	41.1	41.1	41.1	41.1
42	42.1	42.1	42.1	42.1
43	43.1	43.1	43.1	43.1
44	44.1	44.1	44.1	44.1
45	45.1	45.1	45.1	45.1
46	46.1	46.1	46.1	46.1
47	47.1	47.1	47.1	47.1
48	48.1	48.1	48.1	48.1
49	49.1	49.1	49.1	49.1
50	50.1	50.1	50.1	50.1
51	51.1	51.1	51.1	51.1
52	52.1	52.1	52.1	52.1
53	53.1	53.1	53.1	53.1
54	54.1	54.1	54.1	54.1
55	55.1	55.1	55.1	55.1
56	56.1	56.1	56.1	56.1
57	57.1	57.1	57.1	57.1
58	58.1	58.1	58.1	58.1
59	59.1	59.1	59.1	59.1
60	60.1	60.1	60.1	60.1
61	61.1	61.1	61.1	61.1
62	62.1	62.1	62.1	62.1
63	63.1	63.1	63.1	63.1
64	64.1	64.1	64.1	64.1
65	65.1	65.1	65.1	65.1
66	66.1	66.1	66.1	66.1
67	67.1	67.1	67.1	67.1
68	68.1	68.1	68.1	68.1
69	69.1	69.1	69.1	69.1
70	70.1	70.1	70.1	70.1
71	71.1	71.1	71.1	71.1
72	72.1	72.1	72.1	72.1
73	73.1	73.1	73.1	73.1
74	74.1	74.1	74.1	74.1
75	75.1	75.1	75.1	75.1
76	76.1	76.1	76.1	76.1
77	77.1	77.1	77.1	77.1
78	78.1	78.1	78.1	78.1
79	79.1	79.1	79.1	79.1
80	80.1	80.1	80.1	80.1
81	81.1	81.1	81.1	81.1
82	82.1	82.1	82.1	82.1
83	83.1	83.1	83.1	83.1
84	84.1	84.1	84.1	84.1
85	85.1	85.1	85.1	85.1
86	86.1	86.1	86.1	86.1
87	87.1	87.1	87.1	87.1
88	88.1	88.1	88.1	88.1
89	89.1	89.1	89.1	89.1
90	90.1	90.1	90.1	90.1
91	91.1	91.1	91.1	91.1
92	92.1	92.1	92.1	92.1
93	93.1	93.1	93.1	93.1
94	94.1	94.1	94.1	94.1
95	95.1	95.1	95.1	95.1
96	96.1	96.1	96.1	96.1
97	97.1	97.1	97.1	97.1
98	98.1	98.1	98.1	98.1
99	99.1	99.1	99.1	99.1
100	100.1	100.1	100.1	100.1

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota	1	15	15	15	15
North Dakota					
South Dakota					
TOTAL	1	15	15	15	15
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho	2	10	5	5	5
Colorado	1	10	10	10	10
Utah	1	10	10	10	10
Montana					
Wyoming	1	45	45	45	45
Washington					
Oregon	1	10	10	10	10
California					
TOTAL	6	85	45	5	14.2
U.S. Total	15	245	45	5	16.4
TVA area (also included above)	1	20	20	20	20

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group <u>IV Forest Products</u>					
Type of Industry <u>5. Wood Working Plants</u>					
STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina	1	5	5	5	5
South Carolina					
Georgia					
Florida					
TOTAL	1	5	5	5	5
REGION III					
Alabama					
Kentucky					
Mississippi	3	20	10	5	6.7
Tennessee	1	10	10	10	10
TOTAL	4	30	10	5	8.4
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	2	12.5	7.5	5	6.3
Minnesota					
North Dakota					
South Dakota					
TOTAL	2	12.5	7.5	5	6.3
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. Tot als	7	47.5	10	5	6.8
TVA a rea (also inclu ded above)	4	30	10	5	7.5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group V Mineral ProductsType of Industry 1. Asphalt Plants

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III ()					
Alabama					
Kentucky	1	15	15	15	15
Mississippi					
Tennessee					
TOTAL	1	15	15	15	15
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					
U.S. Totals	1	15	15	15	15

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group V. Mineral Products
 Type of Industry 2. Coal Mines

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania	7	62.5	20	5	9
Delaware					
Maryland					
Michigan					
Ohio	3	15	5	5	5
TOTAL	10	77.5	20	5	7.8
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III (S.E. States)					
Alabama					
Kentucky	1	5	5	5	5
Mississippi					
Tennessee	2	200	125	75	100
TOTAL	3	205	125	5	102.5
REGION IV					
Illinois	3	112.5	75	7.5	97.5
Indiana	1	75	75	75	75
Missouri	1	30	30	30	30
TOTAL	5	217.5	75	5	43.5

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa	2	10	5	5	5
TOTAL	2	10	5	5	5
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado	1	15	15	15	15
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL	1	15	15	15	15
U.S. Totals	21	525.0	125	5	25
TVA area (also included above)	2	200	125	75	100

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group V. Mineral Products

Type of Industry 3. Oil Lines

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri	1	5	5	5	5
TOTAL	1	5	5	5	5

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas	1	10	10	10	10
Oklahoma					
TOTAL	1	10	10	10	10
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. Totals	2	15	10	5	7.5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group V. Mineral ProductsType of Industry 4. Oil Well Pumps

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania	1	15	15	15	15
Delaware					
Maryland					
Michigan	1	9	9	9	9
Ohio					
TOTAL	2	24	15	9	12
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III (ex. TVA)					
Alabama					
Kentucky					
Mississippi	4	45	22.5	5	11.3
Tennessee					
TOTAL	4	45	22.5	5	11.3
REGION IV					
Illinois	6	162.5	100	7.5	27.1
Indiana					
Missouri					
TOTAL	6	162.5	100	7.5	27.1

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas	2	12.5	7.5	5	N. 6.3
Oklahoma	3	35	15	5	11.7
TOTAL	5	47.5	15	5	9.5
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. Tot als	17	279.0	100	5	16.4

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INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group V. Mineral Products
 Type of Industry 5. Oil Refineries

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III (ex. TVA)					
Alabama					
Kentucky	1	30	30	30	30
Mississippi					
Tennessee					
TOTAL	1	30	30	30	30
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma	1	10	10	10	10
TOTAL	1	10	10	10	10
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah	1	5	5	5	5
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL	1	5	5	5	5
U.S. Totals	3	45	30	5	15

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group V. Mineral Products

Type of Industry 6. Roller Mills

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	1	15	15	15	15
Florida					
TOTAL	1	15	15	15	15
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					
U.S. Totals	1	15	15	15	15

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group V. Mineral ProductsType of Industry 7. Graphite Mines

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas	1	75	75	75	75
Oklahoma					
TOTAL	1	75	75	75	75
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. Totals	1	75	75	75	75

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group V. Mineral ProductsType of Industry 8. Phosphate Mines

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	1	15	15	15	15
TOTAL	1	15	15	15	15
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

V-8

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Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. Totals	1	15	15	15	15
TVA area (also included above)	1	15	15	15	15

1947-1948

1890

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group VI. Stone, Clay & Glass Products

Type of Industry I Brick and Tile Manufacturing

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio	2	72.5	50	22.5	36.3
TOTAL	2	72.5	50	22.5	36.3
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina	2	175	150	25	87.5
Georgia					
Florida					
TOTAL	2	175	150	25	87.5
REGION III					
Alabama					
Kentucky					
Mississippi	1	112.5	112.5	112.5	112.5
Tennessee	1	225	225	225	225
TOTAL	2	337.5	225	112.5	168.8
REGION IV					
Illinois	1	195	195	195	195
Indiana					
Missouri					
TOTAL	1	195	195	195	195

GENERAL STATE OF NEW YORK

OFFICE OF THE COMMISSIONER OF THE LAND OFFICE

STATE OF NEW YORK, 1881.

NAME OF THE LAND	ACRES	AMOUNT PAID	DATE PAID	REMARKS
1. 1000	1000	1000	1881	
2. 1000	1000	1000	1881	
3. 1000	1000	1000	1881	
4. 1000	1000	1000	1881	
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96. 1000	1000	1000	1881	
97. 1000	1000	1000	1881	
98. 1000	1000	1000	1881	
99. 1000	1000	1000	1881	
100. 1000	1000	1000	1881	

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. Total	7	780	225	22.5	111.4
TVA area (also included above)	2	337.5	225	112.5	168.8

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group VI Stone Clay & Glass ProductsType of Industry 3. Clay Products (Miscellaneous)

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina	1	5	5	5	5
Georgia	1	10	10	10	10
Florida					
TOTAL	2	15	10	5	7.5
REGION III					
Alabama					
Kentucky					
Mississippi	3	325	300	10	108.3
Tennessee	1	150	150	150	150
TOTAL	4	475	300	10	129.2
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

STATE OF NEW YORK

IN SENATE, JANUARY 15, 1907.

REPORT OF THE COMMISSIONERS OF THE LAND OFFICE, FOR THE YEAR 1906.

NAME OF LAND	ACRES	AMOUNT PAID	DATE PAID	REMARKS
1. 1000	1000	1000	1906	
2. 1000	1000	1000	1906	
3. 1000	1000	1000	1906	
4. 1000	1000	1000	1906	
5. 1000	1000	1000	1906	
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93. 1000	1000	1000	1906	
94. 1000	1000	1000	1906	
95. 1000	1000	1000	1906	
96. 1000	1000	1000	1906	
97. 1000	1000	1000	1906	
98. 1000	1000	1000	1906	
99. 1000	1000	1000	1906	
100. 1000	1000	1000	1906	

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado	1	5	5	5	5
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL	1	5	5	5	5
U. S. Total	7	495	300	5	70.6
TVA area(also included above.)	4	475	300	10	118.8

7.855

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group VI. Stone, Clay & Glass Products

Type of Industry 4. Felspar and Fluorospars plants

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois	5	300	150	15	60
Indiana					
Missouri					
TOTAL	5	300	150	15	60
U.S. TOTAL	5	300	150	15	60

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group VI Stone Clay & Glass Products
Type of Industry 5 Glass, Sand Processing

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

STATE OF NEW YORK

IN SENATE

JANUARY 1, 1891

REPORT OF THE

COMMISSIONER OF THE LAND OFFICE

FOR THE YEAR 1890

ALBANY:

ANDREW D. DODD, PRINTER

1891

NEW YORK:

ANDREW D. DODD, PRINTER

1891

NEW YORK:

ANDREW D. DODD, PRINTER

1891

NEW YORK:

ANDREW D. DODD, PRINTER

1891

NEW YORK:

ANDREW D. DODD, PRINTER

1891

NEW YORK:

ANDREW D. DODD, PRINTER

1891

NEW YORK:

ANDREW D. DODD, PRINTER

1891

NEW YORK:

ANDREW D. DODD, PRINTER

1891

NEW YORK:

ANDREW D. DODD, PRINTER

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada	2	150	75	75	75
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL	2	150	75	75	75
U. S. Total	2	150	75	75	75

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group VI. Stone, Clay, & Glass Products
Type of Industry 6 Rock Crushing

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio	1	7.5	7.5	7.5	7.5
TOTAL	1	7.5	7.5	7.5	7.5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	1	5	5	5	5
Florida					
TOTAL	1	5	5	5	5
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	3	382.5	225	45	127.5
TOTAL	3	382.5	225	45	127.5
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

Rock Crushing
VI. Stone, Clay, & Glass Products

1	1.5	1.5	1.5	1.5
1	1.5	1.5	1.5	1.5
1	2	2	2	2
1	2	2	2	2
2	385.2	352	42	151.2
2	385.2	352	42	151.2

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota	1	22.5	22.5	22.5	22.5
North Dakota					
South Dakota					
TOTAL	1	22.5	22.5	22.5	22.5
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. Total	6	417.5	225	5	69.6
TVA area(also included above)	3	382.5	225	45	127.5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group VI. Stone, Clay & Glass ProductsType of Industry 7. Shale Quarries

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan	1	105	105	105	105
Ohio					
TOTAL	1	105	105	105	105
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					
U.S. TOTAL	1	105	105	105	105

Estimated 1960 - 1961

Estimated 1960 - 1961

General Classification of the 1960 - 1961

Category	1960	1961	1962	1963	1964	1965
1. Total						
2. Subtotal						
3. Subtotal						
4. Subtotal						
5. Subtotal						
6. Subtotal						
7. Subtotal						
8. Subtotal						
9. Subtotal						
10. Subtotal						
11. Subtotal						
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94. Subtotal						
95. Subtotal						
96. Subtotal						
97. Subtotal						
98. Subtotal						
99. Subtotal						
100. Subtotal						

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group VI. Stone, Clay & Glass Products
Type of Industry 8. Stone Quarries

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio	4	347.5	112.5	60	86.9
TOTAL	4	347.5	112.5	60	86.9
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	1	5	5	5	5
Florida					
TOTAL	1	5	5	5	5
REGION III					
Alabama					
Kentucky	1	5	5	5	5
Mississippi					
Tennessee	3	275	225	5	91.7
TOTAL	4	280	225	5	48.4
REGION IV					
Illinois					
Indiana	1	225	225	225	225
Missouri					
TOTAL	1	225	225	225	225

REVENUE ACCOUNT

For the year ending 1900

Total Revenue for the year ending 1900

Item	Quantity	Unit Price	Total Price	Remarks
1. Sugar	100	1.00	100.00	
2. Flour	50	2.00	100.00	
3. Rice	20	5.00	100.00	
4. Beans	10	10.00	100.00	
5. Corn	5	20.00	100.00	
6. Apples	100	1.00	100.00	
7. Oranges	50	2.00	100.00	
8. Lemons	20	5.00	100.00	
9. Limes	10	10.00	100.00	
10. Peaches	5	20.00	100.00	
11. Pears	100	1.00	100.00	
12. Plums	50	2.00	100.00	
13. Cherries	20	5.00	100.00	
14. Strawberries	10	10.00	100.00	
15. Raspberries	5	20.00	100.00	
16. Blackberries	100	1.00	100.00	
17. Blueberries	50	2.00	100.00	
18. Elderberries	20	5.00	100.00	
19. Huckleberries	10	10.00	100.00	
20. Currants	5	20.00	100.00	
21. Gooseberries	100	1.00	100.00	
22. Grapes	50	2.00	100.00	
23. Raisins	20	5.00	100.00	
24. Prunes	10	10.00	100.00	
25. Walnuts	5	20.00	100.00	
26. Pecans	100	1.00	100.00	
27. Almonds	50	2.00	100.00	
28. Cashews	20	5.00	100.00	
29. Pistachios	10	10.00	100.00	
30. Macadamia	5	20.00	100.00	
31. Pineapples	100	1.00	100.00	
32. Mangoes	50	2.00	100.00	
33. Papayas	20	5.00	100.00	
34. Guavas	10	10.00	100.00	
35. Passion Fruit	5	20.00	100.00	
36. Kiwifruit	100	1.00	100.00	
37. Dragon Fruit	50	2.00	100.00	
38. Jackfruit	20	5.00	100.00	
39. Rambutan	10	10.00	100.00	
40. Lychee	5	20.00	100.00	
41. Longan	100	1.00	100.00	
42. Pomelo	50	2.00	100.00	
43. Grapefruit	20	5.00	100.00	
44. Orange	10	10.00	100.00	
45. Lemon	5	20.00	100.00	
46. Lime	100	1.00	100.00	
47. Mandarin	50	2.00	100.00	
48. Clementine	20	5.00	100.00	
49. Tangerine	10	10.00	100.00	
50. Satsuma	5	20.00	100.00	

INDUSTRIAL LOADS ON REA SYSTEMS

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Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. Total	10	857.5	225	5	85.8
TVA area (also included above)	3	275	225	5	91.7

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group VI Stone Clay & Glass Products
Type of Industry 9 Gravel Plant

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi	4	630	225	30	157.5
Tennessee	3	1050	450	300	350
TOTAL	7	1680	450	300	157.5
REGION IV					
Illinois	1	30	30	30	30
Indiana	2	27.5	22.5	5	13.8
Missouri					
TOTAL	3	57.5	30	5	19.2

INDUSTRIAL LOADS ON REA SYSTEMS

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Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa	2	12.5	7.5	5	6.3
TOTAL	2	12.5	7.5	5	6.3
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona	1	15	15	15	15
Nevada	1	75	75	75	75
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL	2	90	75	15	45
U. S. Total	14	1,840	450	5	167.3
TVA area (also includ- ed above)	6	1650	450	300	275

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group VI Stone, Clay and Glass Products
Type of Industry 10. Cement Factories

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	1	3750	3750	3750	3750
TOTAL	1	3750	3750	3750	3750
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. Total	1	3750	3750	3750	3750
TVA area (also includ- ed above)	1	3750	3750	3750	3750

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group VI Stone, Clay and Glass Products
Type of Industry 11. Lime Manufacturing

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	1	600	600	600	600
TOTAL	1	600	600	600	600
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

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Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. Total	1	600	600	600	600
TVA area (also in-					
cluded above	1	600	600	600	600

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group VII Miscellaneous Industrial & Commercial Consumers
Type of Industry 1. Machine Shops, Blacksmith Shops & Blowers

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan	1	10	10	10	10
Ohio	1	5	5	5	5
TOTAL	2	15	10	5	7.5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	1	5	5	5	5
Florida					
TOTAL	1	5	5	5	5
REGION III					
Alabama					
Kentucky					
Mississippi	2	10	5	5	5
Tennessee	3	65	25	20	21.7
TOTAL	5	75	25	5	13.4
REGION IV					
Illinois	1	5	5	5	5
Indiana					
Missouri					
TOTAL	1	5	5	5	5

INDUSTRIAL LOADS ON REA SYSTEMS

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STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	2	12.5	7.5	5	6.3
Minnesota					
North Dakota					
South Dakota					
TOTAL	2	12.5	7.5	5	6.3
REGION VI					
Kansas	2	10	5	5	5
Nebraska					
Iowa	1	17.5	17.5	17.5	17.5
TOTAL	3	27.5	17.5	5	9.2
REGION VII					
Arkansas					
Louisiana					
Texas	3	17.5	7.5	5	5.8
Oklahoma	5	39	10	5	7.8
TOTAL	8	56.5	10	5	7.1
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. TOTAL	22	196.5	25	5	8.9
TVA AREA (also included above)	5	75	25	5	15

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

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General Classification Group Miscellaneous Industrial & Commercial ConsumersType of Industry 2. Welders

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois	1	17.5	17.5	17.5	17.5
Indiana					
Missouri					
TOTAL	1	17.5	17.5	17.5	17.5

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota	1	10	10	10	10
North Dakota					
South Dakota					
TOTAL	1	10	10	10	10
REGION VI					
Kansas					
Nebraska					
Iowa	1	7.5	7.5	7.5	7.5
TOTAL	1	7.5	7.5	7.5	7.5
REGION VII					
Arkansas	3	15	5	5	5
Louisiana					
Texas	2	15	7.5	7.5	7.5
Oklahoma	1	5	5	5	5
TOTAL	6	35	7.5	5	5.8
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. TOTAL	9	70	17.5	5	7.8

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group VII Miscellaneous Industrial & Commercial Consumers
Type of Industry 3. Tobacco and Cigarette Manufacturers

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	6	71	27.5	10	11.8
TOTAL	6	71	27.5	10	11.8
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. TOTALS	6	71	27.5	10	11.8
TVA AREA (also included above)	6	71	27.5	10	11.8

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group VII Miscellaneous Industrial & Commercial Consumers
Type of Industry 4. Novelties Manufacturing

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri	1	7.5	7.5	7.5	7.5
TOTAL	1	7.5	7.5	7.5	7.5
U.S. TOTAL	1	7.5	7.5	7.5	7.5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group VII. Miscellaneous Industrial & Com. Consumers
Type of Industry 5. Auto Body Building

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey	1	7.5	7.5	7.5	7.5
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL	1	7.5	7.5	7.5	7.5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					
U. S. TOTAL	1	7.5	7.5	7.5	7.5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group VII. Miscellaneous Industrial & Com. Consumers
Type of Industry 6. Household Appliances Manufacturing

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	2	645	600	45	322.5
TOTAL	2	645	600	45	322.5
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana	1	5	5	5	5
Texas	1	15	15	15	15
Oklahoma					
TOTAL	2	20	15	5	10
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. TOTAL	4	665	600	5	166.3
TVA area (also includ- ed above)	2	645	600	45	322.5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group VII Miscellaneous Industrial & Commercial Consumers
Type of Industry 7. Amusement Halls

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio	1	5	5	5	5
TOTAL	1	5	5	5	5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama	2	17.5	10	7.5	8.8
Kentucky					
Mississippi	1	7.5	7.5	7.5	7.5
Tennessee					
TOTAL	3	25	10	7.5	8.3
REGION IV					
Illinois					
Indiana	1	7.5	7.5	7.5	7.5
Missouri	1	5	5	5	5
TOTAL	2	12.5	7.5	5	6.3

INDUSTRIAL LOADS ON REA SYSTEMS

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Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	3	22.5	10	5	7.5
Minnesota	5	30	7.5	5	6
North Dakota					
South Dakota					
TOTAL	8	52.5	10	5	6.6
REGION VI					
Kansas					
Nebraska	2	12.5	7.5	5	6.3
Iowa					
TOTAL	2	12.5	7.5	5	6.3
REGION VII					
Arkansas					
Louisiana	2	30	25	5	15
Texas					
Oklahoma					
TOTAL	2	30	25	25	15
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana	1	10	10	10	10
Wyoming					
Washington					
Oregon					
California					
TOTAL	1	10	10	10	10
U.S. TOTAL	19	147.5	25	5	7.8

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group VII. Miscellaneous Industrial & Com. Consumers
Type of Industry 8. Amusement Parks

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania	1	7.5	7.5	7.5	7.5
Delaware					
Maryland	2	10	5	5	5
Michigan					
Ohio					
TOTAL	3	17.5	5	5	5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	1	7.5	7.5	7.5	7.5
Florida					
TOTAL	1	7.5	7.5	7.5	7.5
REGION III					
Alabama					
Kentucky					
Mississippi	1	5	5	5	5
Tennessee					
TOTAL	1	5	5	5	5
REGION IV					
Illinois					
Indiana	1	5	5	5	5
Missouri					
TOTAL	1	5	5	5	5

INDUSTRIAL LOADS ON REA SYSTEMS

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Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	1	5	5	5	5
Minnesota					
North Dakota					
South Dakota					
TOTAL	1	5	5	5	5
REGION VI					
Kansas					
Nebraska					
Iowa	1	5	5	5	5
TOTAL	1	5	5	5	5
REGION VII					
Arkansas					
Louisiana					
Texas	1	15	15	15	15
Oklahoma					
TOTAL	1	15	15	15	15
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. TOTAL	9	60	15	5	7.5

TABLE

DATE	DESCRIPTION	AMOUNT	CHECK NO.	BANK	REMARKS
1900					
1901					
1902					
1903					
1904					
1905					
1906					
1907					
1908					
1909					
1910					
1911					
1912					
1913					
1914					
1915					
1916					
1917					
1918					
1919					
1920					
1921					
1922					
1923					
1924					
1925					
1926					
1927					
1928					
1929					
1930					
1931					
1932					
1933					
1934					
1935					
1936					
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1938					
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1940					
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1943					
1944					
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1951					
1952					
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1958					
1959					
1960					
1961					
1962					
1963					
1964					
1965					
1966					
1967					
1968					
1969					
1970					
1971					
1972					
1973					
1974					
1975					
1976					
1977					
1978					
1979					
1980					
1981					
1982					
1983					
1984					
1985					
1986					
1987					
1988					
1989					
1990					
1991					
1992					
1993					
1994					
1995					
1996					
1997					
1998					
1999					
2000					

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group VII Miscellaneous Industrial & Commercial Consumers
Type of Industry 9. Construction Companies

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland	1	5	5	5	5
Michigan					
Ohio					
TOTAL	1	5	5	5	5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	1	7.5	7.5	7.5	7.5
Minnesota					
North Dakota					
South Dakota					
TOTAL	1	7.5	7.5	7.5	7.5
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. TOTAL	2	12.5	7.5	5	6.3

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group VII Miscellaneous Industrial & Commercial Consumers
Type of Industry 10. Race Tracks

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana	1	50	50	50	50
Missouri					
TOTAL	1	50	50	50	50
U.S. TOTAL	1	50	50	50	50

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group VII Miscellaneous Industrial & Commercial Consumers
Type of Industry 11. Hotels

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan	3	25	10	5	8.3
Ohio					
TOTAL	3	25	10	5	8.3
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	1	5	5	5	5
Florida					
TOTAL	1	5	5	5	5
REGION III					
Alabama					
Kentucky	1	5	5	5	5
Mississippi	1	22.5	22.5	22.5	22.5
Tennessee	1	62.5	62.5	62.5	62.5
TOTAL	3	90	62.5	5	30
REGION IV					
Illinois					
Indiana	1	5	5	5	5
Missouri	1	5	5	5	5
TOTAL	2	10	5	5	5

INDUSTRIAL LOADS ON REA SYSTEMS

VII-11

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	1	5	5	5	5
Minnesota	1	150	150	150	150
North Dakota					
South Dakota					
TOTAL	2	155	150	5	77.5
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona	4	35	10	7.5	8.8
Nevada					
New Mexico	1	20	20	20	20
Idaho	2	20	10	10	10
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California	2	10	5	5	5
TOTAL	9	85	20	5	9.5
U.S. TOTAL	20	370	150	5	18.5
TVA AREA (also included above)	1	62.5	62.5	62.5	62.5

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INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group VII Miscellaneous Industrial and Com. Consumers
Type of Industry 12. Motion Picture Theaters

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	6	218	60	18	36.3
TOTAL	6	218	60	18	36.3
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

#VII-12.

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah	2	25	15	10	12.5
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL	2	25	15	10	12.5
U. S. TOTAL	8	243	60	10	30.4
TVA area (also includ-					
ed above)	6	218	60	18	36.3

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group VII. Miscellaneous Industrial and Com. Consumers
Type of Industry 13. Resort and Tourist Camps

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan	4	97.5	75	5	24.4
Ohio					
TOTAL	4	97.5	75	5	24.4
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina	1	5	5	5	5
Georgia	1	5	5	5	5
Florida					
TOTAL	2	10	5	5	5
REGION III					
Alabama	1	5	5	5	5
Kentucky	3	15	5	5	5
Mississippi	3	42.5	30	5	14.2
Tennessee					
TOTAL	7	62.5	30	5	8.9
REGION IV					
Illinois	1	5	5	5	5
Indiana	1	5	5	5	5
Missouri	1	15	15	15	15
TOTAL	3	25	15	5	8.3

INDUSTRIAL LOADS ON REA SYSTEMS

#VII-13.

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	1	5	5	5	5
Minnesota	2	10	5	5	5
North Dakota					
South Dakota					
TOTAL	3	15	5	5	5
REGION VI					
Kansas	1	5	5	5	5
Nebraska					
Iowa	2	10	5	5	5
TOTAL	3	15	5	5	5
REGION VII					
Arkansas					
Louisiana					
Texas	2	10	5	5	5
Oklahoma					
TOTAL	2	10	5	5	5
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho	2	12.5	7.5	5	6.3
Colorado					
Utah					
Montana					
Wyoming					
Washington	4	22.5	7.5	5	5.6
Oregon					
California					
TOTAL	6	35	7.5	5	5.8
U. S. TOTAL	30	270	75	5	9
TVA area (also includ*					
ed above)	1	30	30	30	30

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group VII Miscellaneous Industrial & Commercial Consumers
Type of Industry 14. Stores, Offices, Filling Stations & Taverns

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio	2	10	5	5	5
TOTAL	2	10	5	5	5
REGION II					
West Virginia					
Virginia					
North Carolina	1	5	5	5	5
South Carolina					
Georgia	2	10	5	5	5
Florida					
TOTAL	3	15	5	5	5
REGION III					
Alabama					
Kentucky	4	25	7.5	5	6.5
Mississippi	6	55	15	5	9.2
Tennessee					
TOTAL	10	80	15	5	8
REGION IV					
Illinois	1	10	10	10	10
Indiana	1	7.5	7.5	7.5	7.5
Missouri	5	29	9	5	5.8
TOTAL	7	46.5	10	5	6.6

STATE OF NEW YORK

IN SENATE

REPORT OF THE	COMMISSIONER OF THE LAND OFFICE	FOR THE YEAR 1897
STATE OF NEW YORK	IN SENATE	
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INDUSTRIAL LOADS ON REA SYSTEMS

VII-14

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	8	45	10	5	5.6
Minnesota	2	12.5	7.5	5	6.3
North Dakota					
South Dakota					
TOTAL	10	57.5	10	5	5.8
REGION VI					
Kansas	1	5	5	5	5
Nebraska	2	22.5	15	7.5	11.3
Iowa	2	12.5	7.5	5	6.3
TOTAL	5	40	15	5	8
REGION VII					
Arkansas	1	5	5	5	5
Louisiana					
Texas	3	17.5	7.5	5	5.8
Oklahoma	1	5	5	5	5
TOTAL	5	27.5	7.5	5	5.5
REGION VIII					
Arizona					
Nevada					
New Mexico	5	35	10	5	7
Idaho	17	160	10	5	9.4
Colorado					
Utah					
Montana	1	5	5	5	5
Wyoming					
Washington	7	55	17.5	5	9.1
Oregon	1	10	10	10	10
California	3	15	5	5	5
TOTAL	34	280	17.5	5	8.2
U.S. TOTAL	76	556.5	17.5	5	7.3
TVA AREA (also included above)	4	30	15	5	7.5

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INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group VIII. Textiles and Textile Products

Type of Industry 1. Bedspread Manufacturing

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	4	100	25	25	25
Florida					
TOTAL	4	100	25	25	25
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

#VIII-1

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. TOTAL	4	100	25	25	25
TVA area (also includ- ed above)	4	100	25	25	25

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group VIII. Textiles and Textile Products

Type of Industry 2. Clothing Manufacturing

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi	7	484.5	112	15	69.2
Tennessee					
TOTAL	7	484.5	112	15	69.2
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

TABLE NO. 10. 1900-1901

Showing the number of persons in the population of the United States, by sex, color, and nativity, in 1900 and 1901.

Source: U. S. Census Bureau, 1900 and 1901. Figures are in thousands.

Year	White	Colored	Foreign born	Native born	Total
1900	70,000	12,000	10,000	62,000	82,000
1901	71,000	12,000	10,000	63,000	83,000
1902	72,000	12,000	10,000	64,000	84,000
1903	73,000	12,000	10,000	65,000	85,000
1904	74,000	12,000	10,000	66,000	86,000
1905	75,000	12,000	10,000	67,000	87,000
1906	76,000	12,000	10,000	68,000	88,000
1907	77,000	12,000	10,000	69,000	89,000
1908	78,000	12,000	10,000	70,000	90,000
1909	79,000	12,000	10,000	71,000	91,000
1910	80,000	12,000	10,000	72,000	92,000
1911	81,000	12,000	10,000	73,000	93,000
1912	82,000	12,000	10,000	74,000	94,000
1913	83,000	12,000	10,000	75,000	95,000
1914	84,000	12,000	10,000	76,000	96,000
1915	85,000	12,000	10,000	77,000	97,000
1916	86,000	12,000	10,000	78,000	98,000
1917	87,000	12,000	10,000	79,000	99,000
1918	88,000	12,000	10,000	80,000	100,000
1919	89,000	12,000	10,000	81,000	101,000
1920	90,000	12,000	10,000	82,000	102,000
1921	91,000	12,000	10,000	83,000	103,000
1922	92,000	12,000	10,000	84,000	104,000
1923	93,000	12,000	10,000	85,000	105,000
1924	94,000	12,000	10,000	86,000	106,000
1925	95,000	12,000	10,000	87,000	107,000
1926	96,000	12,000	10,000	88,000	108,000
1927	97,000	12,000	10,000	89,000	109,000
1928	98,000	12,000	10,000	90,000	110,000
1929	99,000	12,000	10,000	91,000	111,000
1930	100,000	12,000	10,000	92,000	112,000
1931	101,000	12,000	10,000	93,000	113,000
1932	102,000	12,000	10,000	94,000	114,000
1933	103,000	12,000	10,000	95,000	115,000
1934	104,000	12,000	10,000	96,000	116,000
1935	105,000	12,000	10,000	97,000	117,000
1936	106,000	12,000	10,000	98,000	118,000
1937	107,000	12,000	10,000	99,000	119,000
1938	108,000	12,000	10,000	100,000	120,000
1939	109,000	12,000	10,000	101,000	121,000
1940	110,000	12,000	10,000	102,000	122,000
1941	111,000	12,000	10,000	103,000	123,000
1942	112,000	12,000	10,000	104,000	124,000
1943	113,000	12,000	10,000	105,000	125,000
1944	114,000	12,000	10,000	106,000	126,000
1945	115,000	12,000	10,000	107,000	127,000
1946	116,000	12,000	10,000	108,000	128,000
1947	117,000	12,000	10,000	109,000	129,000
1948	118,000	12,000	10,000	110,000	130,000
1949	119,000	12,000	10,000	111,000	131,000
1950	120,000	12,000	10,000	112,000	132,000
1951	121,000	12,000	10,000	113,000	133,000
1952	122,000	12,000	10,000	114,000	134,000
1953	123,000	12,000	10,000	115,000	135,000
1954	124,000	12,000	10,000	116,000	136,000
1955	125,000	12,000	10,000	117,000	137,000
1956	126,000	12,000	10,000	118,000	138,000
1957	127,000	12,000	10,000	119,000	139,000
1958	128,000	12,000	10,000	120,000	140,000
1959	129,000	12,000	10,000	121,000	141,000
1960	130,000	12,000	10,000	122,000	142,000
1961	131,000	12,000	10,000	123,000	143,000
1962	132,000	12,000	10,000	124,000	144,000
1963	133,000	12,000	10,000	125,000	145,000
1964	134,000	12,000	10,000	126,000	146,000
1965	135,000	12,000	10,000	127,000	147,000
1966	136,000	12,000	10,000	128,000	148,000
1967	137,000	12,000	10,000	129,000	149,000
1968	138,000	12,000	10,000	130,000	150,000
1969	139,000	12,000	10,000	131,000	151,000
1970	140,000	12,000	10,000	132,000	152,000
1971	141,000	12,000	10,000	133,000	153,000
1972	142,000	12,000	10,000	134,000	154,000
1973	143,000	12,000	10,000	135,000	155,000
1974	144,000	12,000	10,000	136,000	156,000
1975	145,000	12,000	10,000	137,000	157,000
1976	146,000	12,000	10,000	138,000	158,000
1977	147,000	12,000	10,000	139,000	159,000
1978	148,000	12,000	10,000	140,000	160,000
1979	149,000	12,000	10,000	141,000	161,000
1980	150,000	12,000	10,000	142,000	162,000
1981	151,000	12,000	10,000	143,000	163,000
1982	152,000	12,000	10,000	144,000	164,000
1983	153,000	12,000	10,000	145,000	165,000
1984	154,000	12,000	10,000	146,000	166,000
1985	155,000	12,000	10,000	147,000	167,000
1986	156,000	12,000	10,000	148,000	168,000
1987	157,000	12,000	10,000	149,000	169,000
1988	158,000	12,000	10,000	150,000	170,000
1989	159,000	12,000	10,000	151,000	171,000
1990	160,000	12,000	10,000	152,000	172,000
1991	161,000	12,000	10,000	153,000	173,000
1992	162,000	12,000	10,000	154,000	174,000
1993	163,000	12,000	10,000	155,000	175,000
1994	164,000	12,000	10,000	156,000	176,000
1995	165,000	12,000	10,000	157,000	177,000
1996	166,000	12,000	10,000	158,000	178,000
1997	167,000	12,000	10,000	159,000	179,000
1998	168,000	12,000	10,000	160,000	180,000
1999	169,000	12,000	10,000	161,000	181,000
2000	170,000	12,000	10,000	162,000	182,000
2001	171,000	12,000	10,000	163,000	183,000
2002	172,000	12,000	10,000	164,000	184,000
2003	173,000	12,000	10,000	165,000	185,000
2004	174,000	12,000	10,000	166,000	186,000
2005	175,000	12,000	10,000	167,000	187,000
2006	176,000	12,000	10,000	168,000	188,000
2007	177,000	12,000	10,000	169,000	189,000
2008	178,000	12,000	10,000	170,000	190,000
2009	179,000	12,000	10,000	171,000	191,000
2010	180,000	12,000	10,000	172,000	192,000
2011	181,000	12,000	10,000	173,000	193,000
2012	182,000	12,000	10,000	174,000	194,000
2013	183,000	12,000	10,000	175,000	195,000
2014	184,000	12,000	10,000	176,000	196,000
2015	185,000	12,000	10,000	177,000	197,000
2016	186,000	12,000	10,000	178,000	198,000
2017	187,000	12,000	10,000	179,000	199,000
2018	188,000	12,000	10,000	180,000	200,000
2019	189,000	12,000	10,000	181,000	201,000
2020	190,000	12,000	10,000	182,000	202,000
2021	191,000	12,000	10,000	183,000	203,000
2022	192,000	12,000	10,000	184,000	204,000
2023	193,000	12,000	10,000	185,000	205,000
2024	194,000	12,000	10,000	186,000	206,000
2025	195,000	12,000	10,000	187,000	207,000
2026	196,000	12,000	10,000	188,000	208,000
2027	197,000	12,000	10,000	189,000	209,000
2028	198,000	12,000	10,000	190,000	210,000
2029	199,000	12,000	10,000	191,000	211,000
2030	200,000	12,000	10,000	192,000	212,000
2031	201,000	12,000	10,000	193,000	213,000
2032	202,000	12,000	10,000	194,000	214,000
2033	203,000	12,000	10,000	195,000	215,000
2034	204,000	12,000	10,000	196,000	216,000
2035	205,000	12,000	10,000	197,000	217,000
2036	206,000	12,000	10,000	198,000	218,000
2037	207,000	12,000	10,000	199,000	219,000
2038	208,000	12,000	10,000	200,000	220,000
2039	209,000	12,000	10,000	201,000	221,000
2040	210,000	12,000	10,000	202,000	222,000
2041	211,000	12,000	10,000	203,000	223,000
2042	212,000	12,000	10,000	204,000	224,000
2043	213,000	12,000	10,000	205,000	225,000
2044	214,000	12,000	10,000	206,000	226,000
2045	215,000	12,000	10,000	207,000	227,000
2046	216,000	12,000	10,000	208,000	228,000
2047	217,000	12,000	10,000	209,000	229,000
2048	218,000	12,000	10,000	210,000	230,000
2049	219,000	12,000	10,000	211,000	231,000
2050	220,000	12,000	10,000	212,000	232,000
2051	221,000	12,000	10,000	213,000	233,000
2052	222,000	12,000	10,000	214,000	234,000
2053	223,000	12,000	10,000	215,000	235,000
2054	224,000	12,000	10,000	216,000	236,000
2055	225,000	12,000	10,000	217,000	237,000
2056	226,000	12,000	10,000	218,000	238,000
2057	227,000	12,000	10,000	219,000	239,000
2058	228,000	12,000	10,000	220,000	240,000
2059	229,000	12,000	10,000	221,000	241,000
2060	230,000	12,000	10,000	222,000	242,000
2061	231,000	12,000	10,000	223,000	243,000
2062	232,000	12,000	10,000	224,000	244,000
2063	233,000	12,000	10,000	225,000	245,000
2064	234,000	12,000	10,000	226,000	246,000
2065	235,000	12,000	10,000	227,000	247,000
2066	236,000	12,000	10,000	228,000	248,000
2067	2				

INDUSTRIAL LOADS ON REA SYSTEMS

#VIII.-2.

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. TOTAL	7	484.5	112	15	69.2
TVA area (also includ- ed above)	7	484.5	112	15	69.2

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group VIII. Textiles and Textile ProductsType of Industry 3. Hosiery Mills

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina	1	5	5	5	5
South Carolina					
Georgia					
Florida					
TOTAL	1	5	5	5	5
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	3	490	450	10	163.3
TOTAL	3	490	450	10	163.3
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. TOTAL	4	495	450	5	122.5
TVA area (also includ- ed above)	3	490	450	10	163.3

MEMORANDUM FOR THE RECORD

DATE		SUBJECT		REMARKS	
				1900	
				JANUARY	
				FEBRUARY	
				MARCH	
				APRIL	
				MAY	
				JUNE	
				JULY	
				AUGUST	
				SEPTEMBER	
				OCTOBER	
				NOVEMBER	
				DECEMBER	
				1901	
				JANUARY	
				FEBRUARY	
				MARCH	
				APRIL	
				MAY	
				JUNE	
				JULY	
				AUGUST	
				SEPTEMBER	
				OCTOBER	
				NOVEMBER	
				DECEMBER	
				1902	
				JANUARY	
				FEBRUARY	
				MARCH	
				APRIL	
				MAY	
				JUNE	
				JULY	
				AUGUST	
				SEPTEMBER	
				OCTOBER	
				NOVEMBER	
				DECEMBER	
				1903	
				JANUARY	
				FEBRUARY	
				MARCH	
				APRIL	
				MAY	
				JUNE	
				JULY	
				AUGUST	
				SEPTEMBER	
				OCTOBER	
				NOVEMBER	
				DECEMBER	
				1904	
				JANUARY	
				FEBRUARY	
				MARCH	
				APRIL	
				MAY	
				JUNE	
				JULY	
				AUGUST	
				SEPTEMBER	
				OCTOBER	
				NOVEMBER	
				DECEMBER	
				1905	
				JANUARY	
				FEBRUARY	
				MARCH	
				APRIL	
				MAY	
				JUNE	
				JULY	
				AUGUST	
				SEPTEMBER	
				OCTOBER	
				NOVEMBER	
				DECEMBER	
				1906	
				JANUARY	
				FEBRUARY	
				MARCH	
				APRIL	
				MAY	
				JUNE	
				JULY	
				AUGUST	
				SEPTEMBER	
				OCTOBER	
				NOVEMBER	
				DECEMBER	
				1907	
				JANUARY	
				FEBRUARY	
				MARCH	
				APRIL	
				MAY	
				JUNE	
				JULY	
				AUGUST	
				SEPTEMBER	
				OCTOBER	
				NOVEMBER	
				DECEMBER	
				1908	
				JANUARY	
				FEBRUARY	
				MARCH	
				APRIL	
				MAY	
				JUNE	
				JULY	
				AUGUST	
				SEPTEMBER	
				OCTOBER	
				NOVEMBER	
				DECEMBER	
				1909	
				JANUARY	
				FEBRUARY	
				MARCH	
				APRIL	
				MAY	
				JUNE	
				JULY	
				AUGUST	
				SEPTEMBER	
				OCTOBER	
				NOVEMBER	
				DECEMBER	
				1910	
				JANUARY	
				FEBRUARY	
				MARCH	
				APRIL	
				MAY	
				JUNE	
				JULY	
				AUGUST	
				SEPTEMBER	
				OCTOBER	
				NOVEMBER	
				DECEMBER	
				1911	
				JANUARY	
				FEBRUARY	
				MARCH	
				APRIL	
				MAY	
				JUNE	
				JULY	
				AUGUST	
				SEPTEMBER	
				OCTOBER	
				NOVEMBER	
				DECEMBER	
				1912	
				JANUARY	
				FEBRUARY	
				MARCH	
				APRIL	
				MAY	
				JUNE	
				JULY	
				AUGUST	

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group VIII. Textiles and Textiles Products

Type of Industry 4. Knitting Mills

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia	1	5	5	5	5
Florida					
TOTAL	1	5	5	5	5
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					
U. S. TOTAL	1	5	5	5	5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group VIII. Textiles and Textile Products

Type of Industry 5. Silk and Rayon Products Manufacturing

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	1	75	75	75	75
TOTAL	1	75	75	75	75
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

The Board of Directors has reviewed the financial statements and the accompanying notes and has approved them for issuance.

Financial Statements			
Balance Sheet			
Assets			
Current Assets			
Cash and equivalents			
Accounts receivable			
Inventory			
Prepaid expenses			
Other current assets			
Non-current Assets			
Property, plant and equipment			
Intangible assets			
Other non-current assets			
Liabilities and Equity			
Current Liabilities			
Accounts payable			
Short-term debt			
Other current liabilities			
Non-current Liabilities			
Long-term debt			
Other non-current liabilities			
Equity			
Common stock			
Retained earnings			
Other equity			
Income Statement			
Revenue			
Cost of sales			
Gross profit			
Operating expenses			
Operating income			
Other income			
Other expenses			
Net income			
Cash Flow Statement			
Operating activities			
Investing activities			
Financing activities			
Net change in cash			
Cash at beginning of year			
Cash at end of year			

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. TOTAL	1	75	75	75	75
TVA area (also includ-					
ed above)	1	75	75	75	75

TABLE 1

STATE	POPULATION	POPULATION	POPULATION	POPULATION	POPULATION
ALABAMA	2,049,000	2,049,000	2,049,000	2,049,000	2,049,000
ALASKA	19,000	19,000	19,000	19,000	19,000
ARIZONA	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
ARKANSAS	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
CALIFORNIA	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000
COLORADO	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
CONNECTICUT	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
DELAWARE	200,000	200,000	200,000	200,000	200,000
FLORIDA	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000
GEORGIA	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000
HAWAII	200,000	200,000	200,000	200,000	200,000
IDaho	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
ILLINOIS	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
INDIANA	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000
IOWA	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
KANSAS	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
KENTUCKY	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000
Louisiana	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
MAINE	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
MARYLAND	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
MASSACHUSETTS	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
MICHIGAN	6,000,000	6,000,000	6,000,000	6,000,000	6,000,000
MINNESOTA	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000
MISSISSIPPI	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
MISSOURI	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000
MONTANA	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
NEBRASKA	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
NEVADA	200,000	200,000	200,000	200,000	200,000
NEW HAMPSHIRE	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
NEW JERSEY	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000
NEW MEXICO	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
NEW YORK	18,000,000	18,000,000	18,000,000	18,000,000	18,000,000
NORTH CAROLINA	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000
NORTH DAKOTA	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
OHIO	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
OKLAHOMA	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
OREGON	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
PENNSYLVANIA	12,000,000	12,000,000	12,000,000	12,000,000	12,000,000
RHODE ISLAND	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
SOUTH CAROLINA	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
SOUTH DAKOTA	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
TENNESSEE	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000
TEXAS	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
UTAH	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Vermont	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
VIRGINIA	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000
WASHINGTON	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
WEST VIRGINIA	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
WISCONSIN	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000
WYOMING	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group VIII. Textiles and Textile Products

Type of Industry 6. Miscellaneous Textile Manufacturing

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina	1	150	150	150	150
South Carolina					
Georgia					
Florida					
TOTAL	1	150	150	150	150
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas	1	5	5	5	5
Oklahoma					
TOTAL	1	5	5	5	5
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U. S. TOTAL	2	155	150	5	77.5

NAME				AGE		SEX		RACE		RELIGION		EDUCATION		OCCUPATION		RESIDENCE		DATE	

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group IX Chemical s
Type of Industry 1. Munitions Manufacturing

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania	1	7.5	7.5	7.5	7.5
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL	1	7.5	7.5	7.5	7.5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	1	15	15	15	15
Minnesota					
North Dakota					
South Dakota					
TOTAL	1	15	15	15	15
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. Totals	2	22.5	15	7.5	11.3

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group IX. ChemicalsType of Industry 2. Fertilizers

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio	2	15	10	5	7.5
TOTAL	2	15	10	5	7.5
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin	1	5	5	5	5
Minnesota					
North Dakota					
South Dakota					
TOTAL	1	5	5	5	5
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana	1	30	30	30	30
Texas					
Oklahoma					
TOTAL	1	30	30	30	30
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. Totals	4	50	30	5	12.5

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group IX. ChemicalsType of Industry 3. Rendering Plants

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota	1	75	75	75	75
North Dakota					
South Dakota					
TOTAL	1	75	75	75	75
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. Totals	1	75	75	75	75

INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group IX. ChemicalsType of Industry 4. Tung Oil Plants

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida	1	75	75	75	75
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					
U.S. Totals	1	75	75	75	75

and

Section	Sub-section	Area	Permit	Notes	Remarks
1	1	1	1	1	1
2	2	2	2	2	2
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INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940

General Classification Group IX. Chemicals

Type of Industry 5. Electrolysis

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee					
TOTAL					
REGION IV					
Illinois					
Indiana					
Missouri	1	5	5	5	5
TOTAL	1	5	5	5	5
U.S. Totals	1	5	5	5	5

INVESTIGATION OF THE FACTS

IN THE MATTER OF THE ESTATE OF JAMES H. HARRIS, DECEASED

JAMES H. HARRIS, DECEASED
BY HIS ESTATE, PLAINTIFF
VS.
JAMES H. HARRIS, DECEASED
BY HIS ESTATE, DEFENDANT

DATE	AMOUNT PAID	AMOUNT RECEIVED	AMOUNT PAID	AMOUNT RECEIVED	AMOUNT PAID	AMOUNT RECEIVED
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INDUSTRIAL LOADS ON REA SYSTEMS

Reported by 395 REA Systems, as of January, 1940General Classification Group IX. ChemicalsType of Industry 6. Paint and Pigment Manufacturing

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION I					
Maine					
New Hampshire					
Vermont					
New Jersey					
Pennsylvania					
Delaware					
Maryland					
Michigan					
Ohio					
TOTAL					
REGION II					
West Virginia					
Virginia					
North Carolina					
South Carolina					
Georgia					
Florida					
TOTAL					
REGION III					
Alabama					
Kentucky					
Mississippi					
Tennessee	1	45	45	45	45
TOTAL	1	45	45	45	45
REGION IV					
Illinois					
Indiana					
Missouri					
TOTAL					

INDUSTRIAL LOADS ON REA SYSTEMS

Page 2.

STATE	Number of Consumers	Connected Load KVA	Largest Load KVA	Smallest Load KVA	Average Load KVA
REGION V					
Wisconsin					
Minnesota					
North Dakota					
South Dakota					
TOTAL					
REGION VI					
Kansas					
Nebraska					
Iowa					
TOTAL					
REGION VII					
Arkansas					
Louisiana					
Texas					
Oklahoma					
TOTAL					
REGION VIII					
Arizona					
Nevada					
New Mexico					
Idaho					
Colorado					
Utah					
Montana					
Wyoming					
Washington					
Oregon					
California					
TOTAL					
U.S. Total	1	45	45	45	45
TVA area (also included above)	1	45	45	45	45

BREAKDOWN BY STATES -- INDIVIDUAL INDUSTRIES IN
EACH STATE



CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY 1940

ALABAMA

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
1. Large Farm Use	45	247.5	5.5
3. Cotton Gins	4	303	75.8
5. Cold Storage (general)	1	5	5
7. Farmer's Cooperatives	1	7.5	7.5
16. Refrigeration	1	7.5	7.5
18. Corn Shelling	1	10	10
II. Governmental Services, Utilities and Institutions			
3. CCC Camps	3	32.5	10.8
4. National Park Service	1	5	5
7. U.S. Army and Navy	1	10	10
11. Prisons and Prison Farms	3	25	8.3
13. Schools	4	40	10
III. Food Processing			
4. Dairies	1	5	5
6. Animal and Fowl Foods	6	110	18.3
IV. Forest Products			
2. Furniture Factories	1	7.5	7.5
VII. Miscellaneous Industrial and Commercial Consumers			
7. Amusement Halls	2	17.5	8.8
13. Resort and Tourist Camps	1	5	5
TOTAL	76	838	11.0

AVERAGE CONNECTED LOAD OF INDUSTRIES ON REA LINES

6127

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GEORGIA

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
1. Large Farm Use	35	237.5	6.8
2. Irrigation	1	5	5
3. Cotton gins	6	450	75
5. Cold Storage (general)	1	30	30
9. Fruit and vegetable graders and washers	1	15	15
11. Fish Hatcheries	1	5	5
13. Hatcheries, Poultry Farms and Brooders	1	10	10
II. Governmental Services, Utilities			
Institution			
3. C.C.C. Camps	3	30	10
5. Radio Range Stations	1	15	15
7. U. S. Army and Navy	1	450	450
11. Prisons and Prison Farms	1	7.5	7.5
14. Municipal (general)	2	25	12.5
21. Railroad Stations	1	5	5
23. Railroad Pumps	1	5	5
27. Orphan Homes	1	10	10
III. Food Processing			
4. Dairies	12	70	5.8
6. Animal and Fowl Foods	9	97.5	10.8
9. Ice Plants	1	7.5	7.5
10. Fruit Packing Plants	15	92.5	6.2
IV. Forest Products			
3. Lumber Yards & Planing Mills	1	5	5

GEORGIA

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CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY, 1940

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IDAHO

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I Farm Industries			
1. Large Farm Use	98	502.5	5.1
2. Irrigation	1	5	5
12. Game Farms	1	7.5	7.5
II Governamental Services, Utilities & Institutions			
3. C. C. C. Camps	2	15	7.5
5. National Park Service	1	5	5
13. Schools	3	45	15
15. Municipal (Water Supply)	2	27.5	13.8
20. Public Utilities (Miscellaneous)	1	25	25
21. Railroad Stations	1	7.5	7.5
27. Orphan Homes	3	17.5	5.8
III Food Processing			
4. Dairies	2	10	5
7. Flour Mills	1	9	9
8. Grain Elevators	7	146.5	20.7
IV Forest Products			
4. Sawmills	2	10	5
VII Miscellaneous Industrial and Commercial Consumers			
11. Hotels	2	20	10
13. Resort & Tourist Camps	2	12.5	6.3
14. Stores, Offices, Filling Stations & Taverns	17	160	9.4
Total	146	1,025.5	7.2

ILLINOIS

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I Farm Industries			
1. Large Farm Use	8	95	11.9
2. Irrigation	19	265	13.9
17. Seed cleaning, drying & packing	4	50	12.5
II Governmental Services, Utilities and Institutions			
3. C. C. C. Camps	1	15	15
24. Coal Docks	1	15	15
III Food Processing			
6. Animal & Fowl Foods	3	49	16.3
8. Grain Elevators	17	365	21.5
10. Fruit Packing Plants	1	10	10
V Mineral Products			
2. Coal Mines	3	112.5	37.5
4. Oil Well Pumps	6	162.5	27
VI Stone, Clay & Glass Products			
1. Brick & Tile Manufacturing	1	195	195
4. Felspar & Fluorospas Plants	5	300	60
9. Gravel Plants	1	30	30
VII Miscellaneous Industrial and Commercial Consumers			
1. Machine Shops	1	5	5
2. Welders	1	17.5	17.5
13. Resort & Tourist Camps	1	5	5
14. Stores, Offices, Filling Stations and Taverns	1	10	10
Total	74	1701.5	23

INDIANA

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I Farm Industries			
1. Large Farm Use	55	280	5.1
2. Irrigation	13	140	10.8
13. Hatcheries, Poultry Farms and Brooders	1	7.5	7.5
14. Nurseries & Experimental Stations	1	27	27
17. Seed Cleaning, Drying & Packing	3	17.5	5.8
18. Corn Shelling	1	5	5
II Governmental Service, Utilities and Institutions			
1. Airplane Beacons	1	7.5	7.5
3. C. C. C. Camps	2	15	7.5
13. Schools	3	27.5	9.2
27. Orphans Homes	1	225	225
III Food Processing			
6. Animal & Fowl Foods	19	195	10.3
8. Grain elevators	9	302.5	33.6
14. Slaughterhouses	1	15	15
IV Forest Products			
4. Sawmills	1	30	30
V Mineral Products			
2. Coal Mines	1	75	75

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY 1940

265

IOWA

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
1. Large Farm Use	147	772.5	5.2
2. Irrigation	22	120	5.5
13. Hatcheries, Poultry Farms and Brooders	1	5	5
15. Water Pumps	2	17.5	8.8
17. Seed Cleaning, drying and packing	4	30	7.5
II. Governmental Services, Utilities and Institutions			
3. CCC Camps	1	10	10
13. Schools	5	30	6
III. Food Processing			
3. Cheese Factories	1	5	5
4. Dairies	14	122.5	8.8
6. Animal and Fowl Foods	20	175	8.8
8. Grain Elevators	8	48.5	6.1
14. Slaughter Houses	1	7.5	7.5
V. Mineral Products			
2. Coal Mines	2	10	5
VI. Stone, Clay and Glass Products			
9. Grovel Plants	2	125	6.3
VII. Miscellaneous Industrial and Commercial Consumers			
1. Machine Shops, Blacksmith Shops and Blowers	1	17.5	17.5

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Industry

Total
No.
Served

Total
Load
KVA

Average
Load per
Industry

IV. Forest Products

4. Sawmills

1

45

45

Total

1

45

45

MARYLAND

[illegible]

MICHIGAN

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
1. Large farm use	113	572.5	5.1
2. Irrigation	1	15	15
5. Cold Storage (general)	1	22.5	22.5
9. Fruit and Vegetable graders and washers	2	27.5	13.8
10. Fair Associations	1	25	25
13. Hatcheries, poultry farms and brooders	1	7.5	7.5
II. Governmental Services, Utilities and Institutions			
3. C.C.C. Camps	4	37.5	9.4
10. State Parks	2	25	12.5
12. County Farms	1	5	5
13. Schools	2	47.5	23.8
17. Street Lighting	1	7.5	7.5
24. Coal Docks	1	75	75
III. Food Processing			
4. Dairies	3	15	5
6. Animal and Fowl Foods	2	19	9.5
8. Grain Elevators	2	32.5	16.25
IV. Forest Products			
4. Sawmills	2	15	7.5
V. Mineral Products			
4. Oil Well Pumps	1	9	9
VI. Stone, Clay and Glass Products			
7. Shale Quarries	1	105	105

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY 1940

MINNESOTA

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
1. Large Farm Use	14	77.5	5.5
2. Irrigation	13	70	5.4
6. Cold Storage (locker)	2	12.5	6.3
13. Hatcheries, Poultry Farms and Brooders	6	47.5	7.8
17. Seed cleaning, drying & packing	2	10	5
II. Governmental Services, Utilities and Institutions			
1. Airplane Beacons	1	5	5
2. Airplane Fields	1	5	5
3. CCC Camps	1	10	10
8. Lighthouses	1	35	35
10. State Parks	1	5	5
13. Schools	3	35	11.7
19. Wholesale Light & Power	1	12.5	12.5
III. Food Processing			
3. Cheese Factories	2	10	5
4. Dairies	24	521	21.7
6. Animal & Fowl Foods	5	80	16
8. Grain Elevators	3	67	22.3
IV. Forest Products			
4. Sawmills	1	15	15
VI. Stone, Clay & Glass Products			
6. Rock Crushing	1	22.5	22.5

MISSISSIPPI

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
1. Large Farm Use	51	337.5	6.6
2. Irrigation	7	35	5
3. Cotton gins	30	1,990	66.5
14. Nurseries and Experimental Stations	1	5	5
15. Water Pumps	1	5	5
II. Governmental Services, Utilities and Institutions			
1. Airplane Beacons	3	15	5
2. Airplane Fields	1	10	10
3. CCC Camps	4	45	11.2
10. State Parks	3	62.5	20.8
13. Schools	5	725	145
14. Municipal (general)	1	10	10
15. Municipal (water supply)	4	115	28.8
23. Railroad Pumps	4	115	29
III. Food Processing			
3. Cheese Factories	2	50	25
4. Dairies	5	170	34
6. Animal and Fowl Foods	20	292.5	14.6
10. Fruit Packing Plants	1	75	75
IV. Forest Products			
2. Furniture Factories	1	10	10
3. Lumber yards & planing mills	1	50	50
4. Sawmills	1	20	20
5. Woodworking Plants	3	20	6.7

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CONNECTED INDUSTRIAL LOADS
REA SYSTEM, JANUARY, 1940

MISSOURI

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I Farm Industries			
1. Large Farm Use	121	662.5	5.5
2. Irrigation	3	20	6.7
3. Cotton Gins	1	30	30
13. Hatcheries, Poultry Farms and Brooders	1	5	5
II Governmental Services, Utilities and Institutions			
1. Airplane Beacons	1	7.5	7.5
3. C. C. C.	2	15	7.5
9. Soil Conservation Service	1	7.5	7.5
10. State Parks	1	7.5	7.5
11. Prisons & Prison Farms	1	10	10
13. Schools	2	18	9
15. Municipal (Water Supply)	1	15	15
III. Food Processing			
4. Dairies	9	72.5	8.1
6. Animal and Fowl Foods	6	74	12.3
9. Ice Plants	1	25	25
14. Slaughter Houses	1	15	15
IV. Forest Products			
2. Furniture Factories	1	22.5	22.5
V. Mineral Products			
2. Coal Mines	1	30	30
3. Oil Lines	1	5	5

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CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY 1940

NEBRASKA

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
1. Large Farm Use	280	1,418.5	5.1
2. Irrigation	28	375	13
6. Cold Storage (locker)	2	15	7.5
9. Fruit and Vegetable graders and washers	1	5	5
13. Hatcheries, Poultry Farms and Brooders	1	5	5
II. Governmental Services, Utilities and Institutions			
3. CCC Camps	3	50	16.7
14. Municipal (general)	1	15	15
18. Community Centers	1	10	10
III. Food Processing			
6. Animal and Fowl Foods	1	15	15
8. Grain Elevators	4	36	9
11. Sausage Factories	1	7.5	7.5
12. Sugar Beet Dumps and Refineries	3	82.5	27.5
VII. Miscellaneous Industrial and Commercial Consumers			
7. Amusement Halls	2	12.5	6.3
14. Stores, Offices, Filling Stations and Taverns	2	22.5	11.3
TOTAL	330	2,069.5	6.3

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY, 1940

NEW MEXICO

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I Farm Industries			
1. Large Farm Use	102	517.5	5.1
2. Irrigation	102	1455	14.3
5. Cold Storage (general)	3	20	6.7
8. Fur Farm	4	42.5	10.7
9. Fruit and Vegetable Graders & Washers	5	25	5
II Governmental Services, Utilities & Institutions			
3. C. C. C. Camps	2	30	15
13. Schools	2	10	5
19. Wholesale Light & Power	2	107.5	53.8
23. Railroad Pumps	1	45	45
III Forest Products			
1. Box Factories	1	10	10
3. Lumber Yards & Planing Mills	1	10	10
IV Miscellaneous Industrial and Commercial Consumers			
11. Hotels	1	20	20
14. Stores, Offices, Filling Stations, & Taverns	5	35	7
Total	231	2,327.5	10.1

Date		Description		Amount	
1890	Jan 1	Balance		100.00	
	Jan 5	John Doe		50.00	
	Jan 10	John Doe		25.00	
	Jan 15	John Doe		75.00	
	Jan 20	John Doe		100.00	
	Jan 25	John Doe		50.00	
	Jan 30	John Doe		25.00	
	Feb 1	John Doe		75.00	
	Feb 5	John Doe		100.00	
	Feb 10	John Doe		50.00	
	Feb 15	John Doe		25.00	
	Feb 20	John Doe		75.00	
	Feb 25	John Doe		100.00	
	Feb 30	John Doe		50.00	
	Mar 1	John Doe		25.00	
	Mar 5	John Doe		75.00	
	Mar 10	John Doe		100.00	
	Mar 15	John Doe		50.00	
	Mar 20	John Doe		25.00	
	Mar 25	John Doe		75.00	
	Mar 30	John Doe		100.00	
	Mar 31	Balance		100.00	

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY 1940

NORTH CAROLINA

[illegible]

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY 1940

NORTH DAKOTA

[illegible]

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY, 1940

OHIO

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
1. Large farm use	26	145	5.6
6. Cold Storage (locker)	2	27.5	13.8
9. Fruit and Vegetable graders and washers	2	20	10
13. Hatcheries, poultry farms and brooders	6	32.5	5.4
16. Refrigeration	2	15	7.5
17. Seed cleaning, drying & Packing	3	15	5
II. Governmental Services, Utilities and Institutions			
3. C.C.C. Camps	1	5	5
9. Soil Conservation Service	2	25	12.5
10. State Parks	1	150	150
13. Schools	12	189	15.8
14. Municipal (general)	1	21.5	21.5
III. Food Processing			
3. Cheese Factories	4	27.5	6.9
4. Dairies	6	30	5
6. Animal & Fowl Foods	6	75	12.5
8. Grain Elevators	4	155	38.8
15. Bakeries	1	5	5
V. Mineral Products			
2. Coal Mines	3	15	5
VI. Stone, Clay and Glass Products			
1. Brick and Tile Manufacturing	2	72.5	36.3
6. Rock Crushing	1	7.5	7.5
8. Stone Quarries	4	347.5	86.9

CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY, 1940

OKLAHOMA

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
1. Large Farm Use	23	150	5.4
2. Irrigation	4	50	12.5
3. Cotton gins	1	15	15
11. Fish hatcheries	1	7.5	7.5
16. Refrigeration	1	11	11
II. Governmental Services, Utilities and Institutions			
6. U. S. Dams and Buildings	2	20	10
13. Schools	8	50	6.3
15. Municipal (Water Supply)	1	25	25
19. Wholesale Light and Power	1	15	15
III. Food Processing			
4. Dairies	4	20	5
6. Animal and Fowl Foods	3	35	11.7
8. Grain Elevators	2	10	5
V. Mineral Products			
4. Oil Well Pumps	3	35	11.7
5. Oil Refineries	1	10	10
VII. Miscellaneous Industrial and Com- mercial Consumers			
1. Machine Shops, Blacksmith Shops and Blowers	5	39	7.8
2. Welders	1	5	5
14. Stores, Offices, Filling Stations and Taverns	1	5	5
Total	67	502.5	7.5

AVERAGE CONNECTED LOAD OF INDUSTRIES ON REA LINES

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CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY, 1940

PENNSYLVANIA

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
1. Large Farm Use	2	12.5	6.3
2. Irrigation	1	5	5
14. Nurseries and experimental stations	1	5	5
II. Governmental Services, Utilities and Institutions			
1. Airplane beacons	1	7.5	7.5
3. C.C.C. Camps	5	37.5	7.5
10. State Parks	1	7.5	7.5
15. Municipal (Water supply)	1	5	5
20. Public Utilities (Miscellaneous)	2	15	7.5
III. Food Processing			
4. Dairies	3	25	8.3
14. Slaughter Houses	1	10	10
IV. Forest Products			
1. Box Factories	1	10	10
3. Lumber Yards and Planing Mills	1	10	10
4. Sawmills	1	10	10
V. Mineral Products			
2. Coal Mines	7	62.5	9
4. Oil Well Pumps	1	15	15
VII. Miscellaneous Industrial and Commercial Consumers			
8. Amusement Parks	1	7.5	7.5

Industry

TOTAL

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CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY 1940

TENNESSEE

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
1. Large farm use	2	25	12.5
2. Irrigation	20	405	20.25
3. Cotton gins	58	4,075	70.2
13. Hatcheries, poultry farms and brooders	2	15	7.5
15. Water Pumps	3	41	13.7
17. Seed Cleaning, drying and packing	1	6	6
18. Corn shelling	1	100	100
II. Governmental Services, Utilities and Institutions			
6. U.S. Dams and Buildings	2	50	25
10. State Parks	1	25	25
11. Prisons and Prison Farms	1	300	300
13. Schools	4	95	23.8
14. Municipal (general)	1	5	5
15. Municipal (Water supply)	30	606	20.2
16. Sewage disposal	1	7.5	7.5
17. Street Lighting	5	40	8
18. Community Centers	1	112.5	112.5
21. Railroad Stations	1	15	15
23. Railroad Pumps	1	30	30
24. Coal Docks	1	30	30
25. Gymnasiums	1	15	15
26. Sanitariums	3	476	158.8
28. Radio Broadcasting Stations	1	450	450

1. The first part of the paper is devoted to a discussion of the general principles of the theory of the structure of the atom.	
2. In the second part, the author discusses the results of the experiments of Rutherford and his colleagues, which have shown that the atom is not a homogeneous mass of matter, but is composed of a central nucleus and a surrounding cloud of electrons.	
3. The third part of the paper is devoted to a discussion of the results of the experiments of Bohr and his colleagues, which have shown that the electrons in the atom are arranged in discrete orbits, and that the energy of the atom is quantized.	
4. In the fourth part, the author discusses the results of the experiments of Heisenberg and his colleagues, which have shown that the position and momentum of a particle cannot be known simultaneously with arbitrary accuracy.	
5. The fifth part of the paper is devoted to a discussion of the results of the experiments of Schrödinger and his colleagues, which have shown that the wave function of a particle satisfies a differential equation, and that the probability of finding the particle in a certain region is proportional to the square of the magnitude of the wave function.	
6. In the sixth part, the author discusses the results of the experiments of Dirac and his colleagues, which have shown that the electron has a spin, and that the spin is associated with a magnetic moment.	
7. The seventh part of the paper is devoted to a discussion of the results of the experiments of Pauli and his colleagues, which have shown that no two electrons can occupy the same quantum state.	
8. In the eighth part, the author discusses the results of the experiments of Einstein and his colleagues, which have shown that the energy of a photon is proportional to its frequency.	
9. The ninth part of the paper is devoted to a discussion of the results of the experiments of Compton and his colleagues, which have shown that the wavelength of a photon is inversely proportional to its energy.	
10. In the tenth part, the author discusses the results of the experiments of de Broglie and his colleagues, which have shown that the wavelength of a particle is inversely proportional to its momentum.	
11. The eleventh part of the paper is devoted to a discussion of the results of the experiments of Davisson and his colleagues, which have shown that electrons exhibit wave-like properties.	
12. In the twelfth part, the author discusses the results of the experiments of Thomson and his colleagues, which have shown that the electron has a mass.	
13. The thirteenth part of the paper is devoted to a discussion of the results of the experiments of Millikan and his colleagues, which have shown that the charge of an electron is a constant.	
14. In the fourteenth part, the author discusses the results of the experiments of Barkla and his colleagues, which have shown that the X-ray spectrum of an element is characteristic of that element.	
15. The fifteenth part of the paper is devoted to a discussion of the results of the experiments of Moseley and his colleagues, which have shown that the frequency of the X-ray spectrum of an element is proportional to the square of the atomic number.	
16. In the sixteenth part, the author discusses the results of the experiments of Rutherford and his colleagues, which have shown that the alpha particles are composed of two protons and two neutrons.	
17. The seventeenth part of the paper is devoted to a discussion of the results of the experiments of Chadwick and his colleagues, which have shown that the neutrons are composed of one proton and two neutrons.	
18. In the eighteenth part, the author discusses the results of the experiments of Fermi and his colleagues, which have shown that the neutrons can induce nuclear reactions.	
19. The nineteenth part of the paper is devoted to a discussion of the results of the experiments of Hahn and his colleagues, which have shown that the nucleus of an atom can be split into two parts.	
20. In the twentieth part, the author discusses the results of the experiments of Szilard and his colleagues, which have shown that the energy released in the fission of a nucleus can be used to produce a chain reaction.	
21. The twenty-first part of the paper is devoted to a discussion of the results of the experiments of Bethe and his colleagues, which have shown that the energy released in the fusion of two light nuclei can be used to produce a chain reaction.	
22. In the twenty-second part, the author discusses the results of the experiments of Teller and his colleagues, which have shown that the energy released in the fusion of two light nuclei can be used to produce a chain reaction.	
23. The twenty-third part of the paper is devoted to a discussion of the results of the experiments of Oppenheimer and his colleagues, which have shown that the energy released in the fusion of two light nuclei can be used to produce a chain reaction.	
24. In the twenty-fourth part, the author discusses the results of the experiments of Serber and his colleagues, which have shown that the energy released in the fusion of two light nuclei can be used to produce a chain reaction.	
25. The twenty-fifth part of the paper is devoted to a discussion of the results of the experiments of Teller and his colleagues, which have shown that the energy released in the fusion of two light nuclei can be used to produce a chain reaction.	

TENNESSEE

Industry	Total No. Served	Total Load KVA	Average Load per Industry
III. Food Processing			
2. Canning Factories	1	25	25
3. Cheese Factories	3	50	16.7
4. Dairies	7	145	20.7
5. Distilleries	1	75	75
6. Animal and Fowl Foods	29	595	20.5
7. Flour Mills	8	379	47.4
9. Ice Plants	10	297.5	29.8
10. Fruit Packing Plants	1	17.5	17.5
14. Slaughter houses	1	10	10
16. Cotton Oil Mills	2	1,125	562.5
IV. Forest Products			
3. Lumber Yards and Planing Mills	8	167.5	20.9
5. Woodworking Plants	1	10	10
V. Mineral Products			
2. Coal Mines	2	200	100
3. Phosphate Mines	1	15	15
VI. Stone, Clay and Glass Products			
1. Brick and Tile Manufacturing	1	225	225
3. Miscellaneous Clay Products	1	150	150
6. Rock Crushing	3	382.5	127.5
8. Stone Quarries	3	275	91.7
9. Gravel Plants	3	1,050	350
10. Cement Factories	1	3,750	3,750
11. Lime Manufacturing	1	600	600

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The following table shows the results of the experiment.	
Experiment 1	Results
Experiment 2	Results
Experiment 3	Results
Experiment 4	Results
Experiment 5	Results
Experiment 6	Results
Experiment 7	Results
Experiment 8	Results
Experiment 9	Results
Experiment 10	Results

The first part of the report deals with the general situation of the country. It is a very interesting and informative study of the country's history and development. The author has done a great deal of research and has gathered a wealth of material. The report is well written and is a valuable contribution to the study of the country's history and development.

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CONNECTED INDUSTRIAL LOADS
REA SYSTEMS, JANUARY 1940

TEXAS

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I. Farm Industries			
1. Large Farm Use	23	142.5	6.2
2. Irrigation	132	3,730.5	28.3
3. Cotton Gin	6	287.5	47.9
5. Cold storage (general)	1	25	25
7. Farmers Cooperatives	1	15	15
13. Hatcheries, poultry farms and brooders	2	15	7.5
14. Nurseries, and experimental stations	1	10	10
II. Governmental Services, Utilities and Institutions			
1. Airplane Beacons	4	20	5
3. CCC Camps	2	17.5	8.8
5. Radio Range Stations	2	12.5	6.3
9. Soil Conservation Service	1	25	25
10. State Parks	2	10	5
13. Schools	5	30	3
15. Municipal (water supply)	3	22.5	7.5
16. Sewage Disposal	1	5	5
25. Gymnasiums	1	10	10
III. Food Processing			
4. Dairies	16	105	6.6
6. Animal & Fowl Foods	15	165	11
8. Grain Elevators	2	20	10
9. Ice Plants	1	7.5	7.5
10. Fruit Packing Plants	1	7.5	5
13. Sugar Cane Presses & Refineries	1	5	5
17. Dehydrating Plants	1	200	200

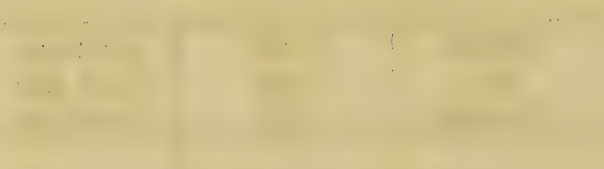
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WASHINGTON

AVERAGE CONNECTED LOAD OF INDUSTRIES ON REA LINES

Industry	Total No. Served	Total Load KVA	Average Load per Industry
I Farm Industries			
1. Large Farm Use	114	622.5	5.5
2. Irrigation	11	80	7.3
11. Fish Hatcheries	1	5	5
II Governmental Service, Utilities & Institutions			
1. Airplane Beacons	2	10	5
3. C. C. C. Camps	1	7.5	7.5
III Food Processing			
6. Animal & Fowl Foods	2	10	5
8. Grain Elevators	4	40	10
IV Forest Products			
3. Lumber Yards & Planing Mills	1	5	5
VII Miscellaneous Industries and Comer- cial Consumers			
13. Resort & Tourist Camps	4	22.5	5.7
14. Stores, Offices, Filling Stations and Taverns	7	55	7.9
Total	147	857.5	5.8

